

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091018\
 Data File : VW005246.D
 Acq On : 10 Sep 2018 17:30
 Operator : SY/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW091018

Quant Time: Sep 11 03:49:09 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	534890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	781088	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	755420	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	405205	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.32	65	201457	50.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.00%	
35) Dibromofluoromethane	7.89	113	204343	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
50) Toluene-d8	10.33	98	1038196	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
62) 4-Bromofluorobenzene	12.63	95	380245	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	213958	46.370	ug/l	100
3) Chloromethane	2.22	50	309879	50.233	ug/l	98
4) Vinyl Chloride	2.36	62	287672	50.797	ug/l	98
5) Bromomethane	2.76	94	194674	57.095	ug/l	100
6) Chloroethane	2.92	64	161108	51.645	ug/l	100
7) Trichlorofluoromethane	3.26	101	317161	49.507	ug/l	98
8) Diethyl Ether	3.69	74	116305	50.941	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.07	101	225206	49.215	ug/l	98
10) Methyl Iodide	4.28	142	278325	49.005	ug/l	99
11) Tert butyl alcohol	5.17	59	84234	257.460	ug/l	99
12) 1,1-Dichloroethene	4.04	96	209997	49.841	ug/l	99
13) Acrolein	3.90	56	80160	253.640	ug/l	99
14) Allyl chloride	4.68	41	341160	52.697	ug/l	99
15) Acrylonitrile	5.37	53	277620	269.519	ug/l	99
16) Acetone	4.13	43	194573	262.751	ug/l	99
17) Carbon Disulfide	4.38	76	777075	52.543	ug/l	99
18) Methyl Acetate	4.68	43	118868	53.773	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	536694	53.480	ug/l	98
20) Methylene Chloride	4.92	84	286177	52.141	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	246213	50.049	ug/l	98
22) Diisopropyl ether	6.32	45	732726	56.218	ug/l	95
23) Vinyl Acetate	6.27	43	2026448	278.988	ug/l	100
24) 1,1-Dichloroethane	6.23	63	416502	51.913	ug/l	100
25) 2-Butanone	7.18	43	316850	271.260	ug/l	96
26) 2,2-Dichloropropane	7.18	77	350892	50.444	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	270404	51.359	ug/l	99
28) Bromochloromethane	7.52	49	153485	51.857	ug/l #	95
29) Tetrahydrofuran	7.54	42	213422	271.130	ug/l	99
30) Chloroform	7.68	83	410152	50.941	ug/l	100
31) Cyclohexane	7.96	56	450318	52.749	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	377435	51.889	ug/l	99
36) 1,1-Dichloropropene	8.09	75	372855	52.103	ug/l	99
37) Ethyl Acetate	7.26	43	142675	52.417	ug/l	100
38) Carbon Tetrachloride	8.07	117	337121	50.291	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	499333	52.555	ug/l	98
40) Benzene	8.34	78	1111172	52.706	ug/l	100
41) Methacrylonitrile	7.49	41	76686	54.915	ug/l	95
42) 1,2-Dichloroethane	8.41	62	250590	49.684	ug/l	100
43) Isopropyl Acetate	8.43	43	274827	54.372	ug/l	100
44) Trichloroethene	9.10	130	292279	50.535	ug/l	100
45) 1,2-Dichloropropane	9.38	63	267500	52.788	ug/l	98
46) Dibromomethane	9.46	93	120775	48.691	ug/l	99
47) Bromodichloromethane	9.65	83	310201	51.122	ug/l	96
48) Methyl methacrylate	9.44	41	137688	52.462	ug/l	94
49) 1,4-Dioxane	9.45	88	51354	1108.889	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	769897	270.667	ug/l	100
52) Toluene	10.40	92	778879	50.832	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	341392	52.061	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	408618	52.034	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	195506	49.433	ug/l	99
56) Ethyl methacrylate	10.65	69	271464	54.141	ug/l	99
57) 1,3-Dichloropropane	10.94	76	336851	51.292	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	601839	276.164	ug/l	99
59) 2-Hexanone	10.98	43	556753	271.504	ug/l	99
60) Dibromochloromethane	11.13	129	224800	51.225	ug/l	99
61) 1,2-Dibromoethane	11.24	107	184321	50.821	ug/l	100
64) Tetrachloroethene	10.87	164	285019	50.855	ug/l	98
65) Chlorobenzene	11.66	112	853798	51.594	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	251453	50.891	ug/l	99
67) Ethyl Benzene	11.74	91	1517107	52.643	ug/l	100
68) m/p-Xylenes	11.85	106	1211978	104.361	ug/l	98
69) o-Xylene	12.17	106	566155	52.399	ug/l	99
70) Styrene	12.19	104	935880	53.083	ug/l	99
71) Bromoform	12.35	173	139657	52.130	ug/l #	98
73) Isopropylbenzene	12.47	105	1536650	53.673	ug/l	100
74) N-amyl acetate	12.28	43	313121	57.483	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	235577	54.751	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	312987	100.425	ug/l #	100
77) Bromobenzene	12.76	156	356365	52.835	ug/l	98
78) n-propylbenzene	12.81	91	1867383	54.308	ug/l	99
79) 2-Chlorotoluene	12.90	91	1054115	53.459	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	1307050	53.614	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	73600	55.383	ug/l	98
82) 4-Chlorotoluene	13.00	91	1105479	53.338	ug/l	99
83) tert-Butylbenzene	13.21	119	1158012	54.311	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	1325782	54.118	ug/l	99
85) sec-Butylbenzene	13.40	105	1651916	53.909	ug/l	99
86) p-Isopropyltoluene	13.51	119	1468294	54.128	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	742132	52.401	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	720640	51.806	ug/l	100
89) n-Butylbenzene	13.83	91	1374651	53.907	ug/l	98
90) Hexachloroethane	14.10	117	232352	53.463	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	655895	52.689	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	40143	56.104	ug/l	97

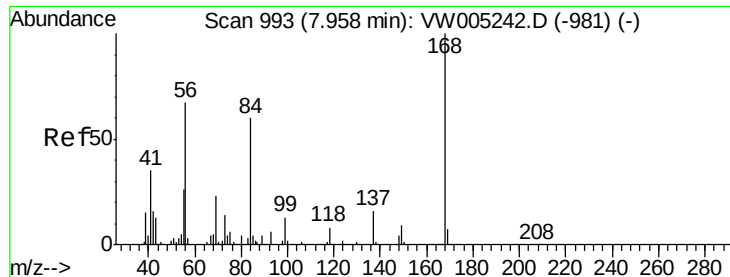
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW091018\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 03:48:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	469217	53.287	ug/l	99
94) Hexachlorobutadiene	15.25	225	292062	51.796	ug/l	100
95) Naphthalene	15.38	128	807449	56.557	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	406678	53.673	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.96 min Scan# 993

Delta R.T. -0.00 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

Instrument :

MSVOA_W

ClientSampleId :

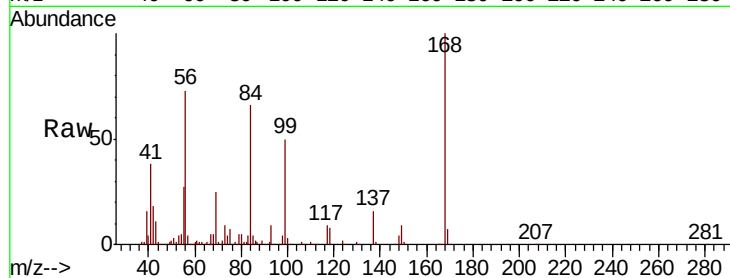
ICVW091018

Tgt Ion:168 Resp: 534890

Ion Ratio Lower Upper

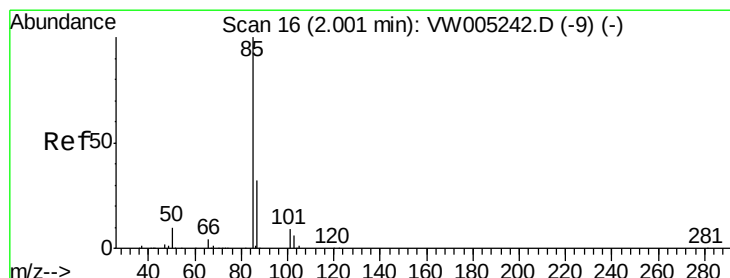
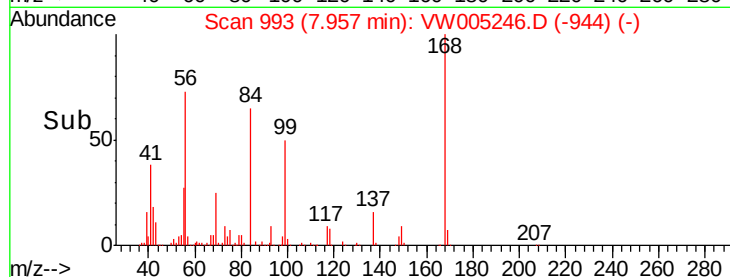
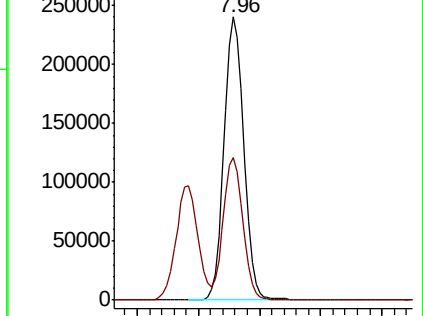
168 100

99 50.2 39.1 58.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 46.370 ug/l

RT: 2.00 min Scan# 16

Delta R.T. -0.00 min

Lab File: VW005246.D

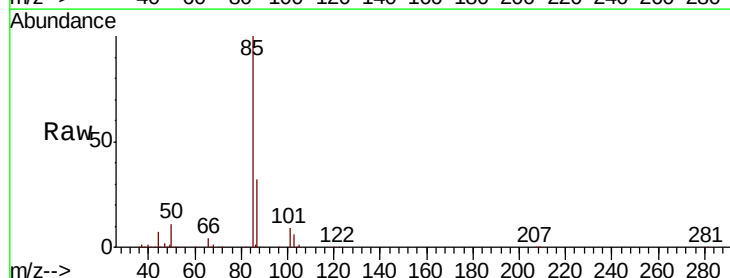
Acq: 10 Sep 2018 17:30

Tgt Ion: 85 Resp: 213958

Ion Ratio Lower Upper

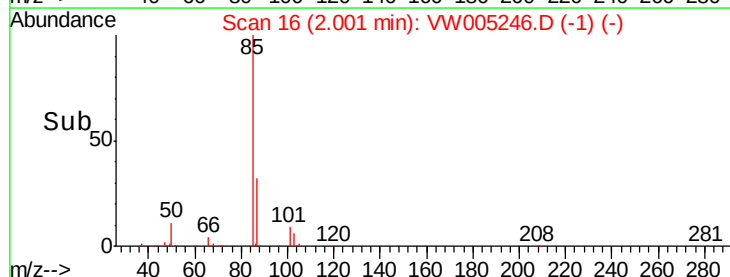
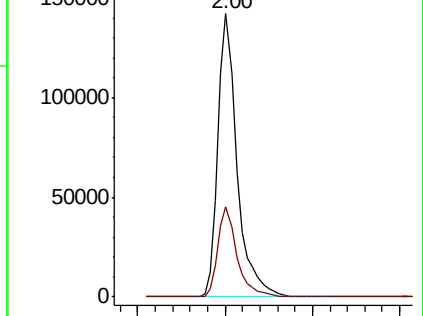
85 100

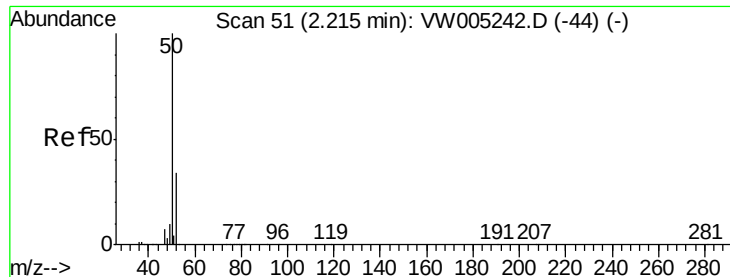
87 31.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 50.233 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

Instrument :

MSVOA_W

ClientSampleId :

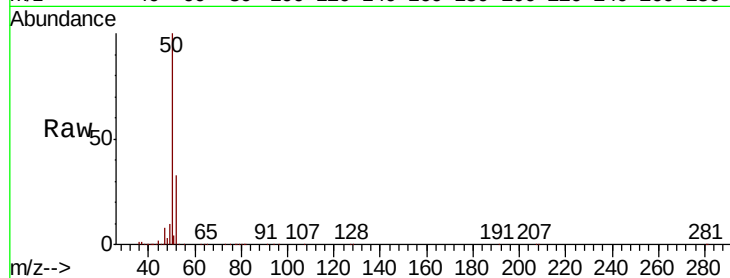
ICVW091018

Tgt Ion: 50 Resp: 309879

Ion Ratio Lower Upper

50 100

52 32.6 27.0 40.4



Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.22

200000

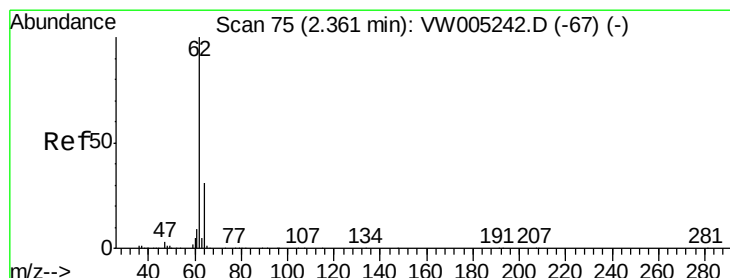
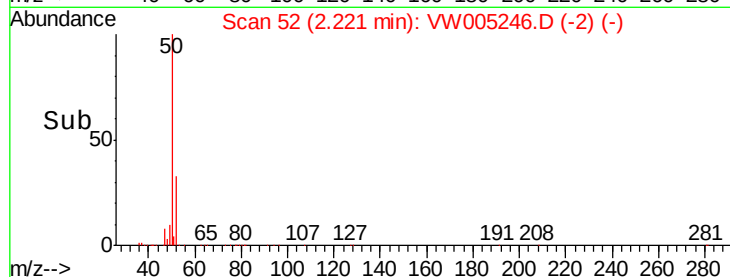
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 50.797 ug/l

RT: 2.36 min Scan# 75

Delta R.T. -0.00 min

Lab File: VW005246.D

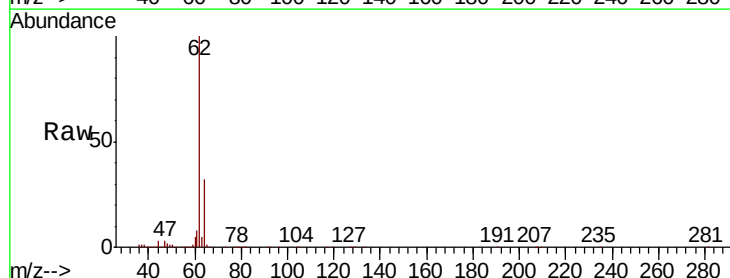
Acq: 10 Sep 2018 17:30

Tgt Ion: 62 Resp: 287672

Ion Ratio Lower Upper

62 100

64 31.8 24.6 37.0



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

2.36

200000

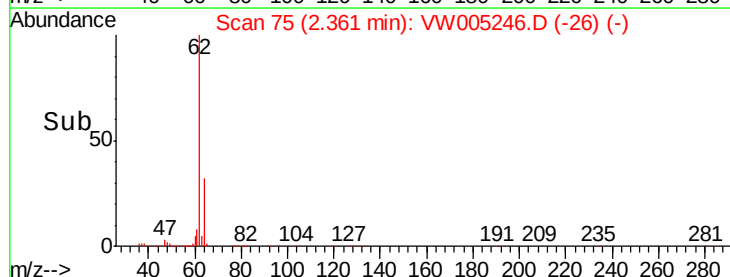
150000

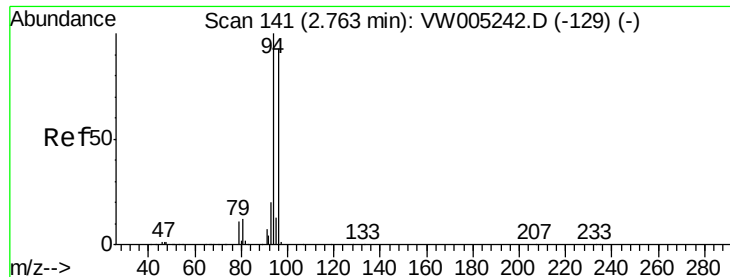
100000

50000

0

Time-->





#5

Bromomethane

Concen: 57.095 ug/l

RT: 2.76 min Scan# 141

Delta R.T. 0.00 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

Instrument :

MSVOA_W

ClientSampleId :

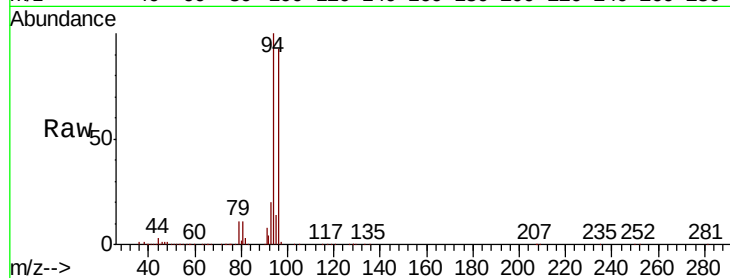
ICVW091018

Tgt Ion: 94 Resp: 194674

Ion Ratio Lower Upper

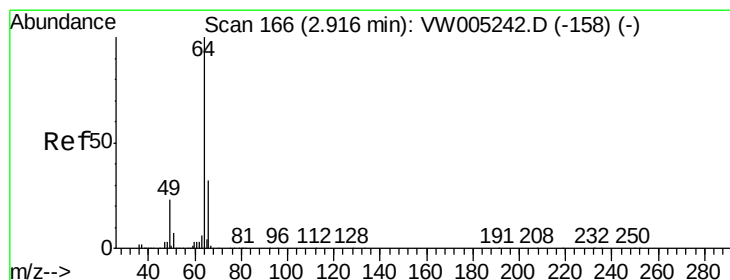
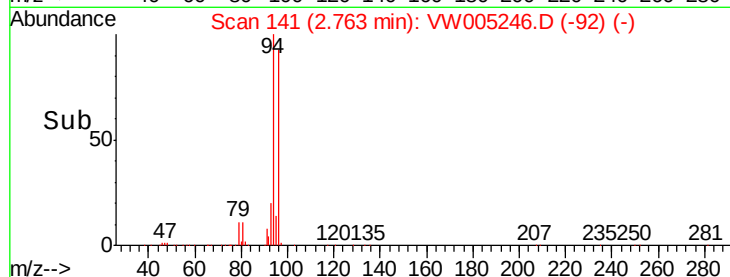
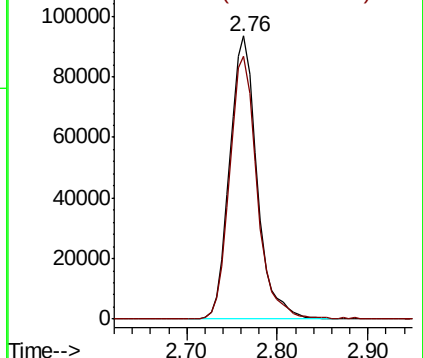
94 100

96 93.0 74.1 111.1



Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 51.645 ug/l

RT: 2.92 min Scan# 166

Delta R.T. -0.00 min

Lab File: VW005246.D

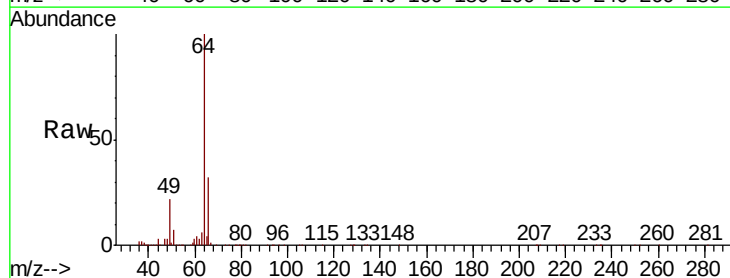
Acq: 10 Sep 2018 17:30

Tgt Ion: 64 Resp: 161108

Ion Ratio Lower Upper

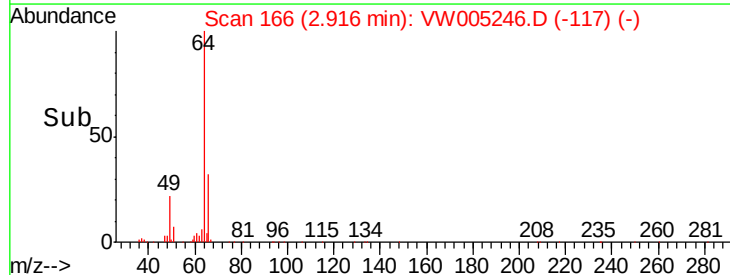
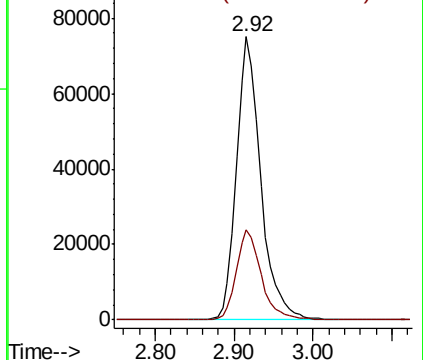
64 100

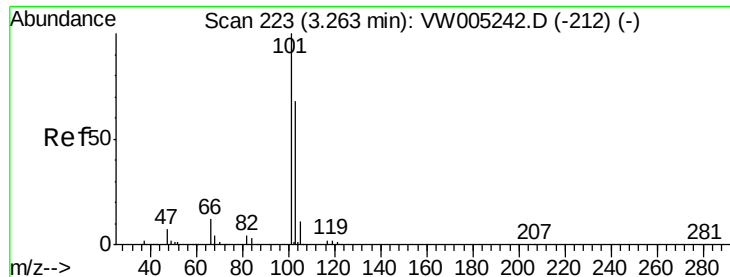
66 31.7 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW



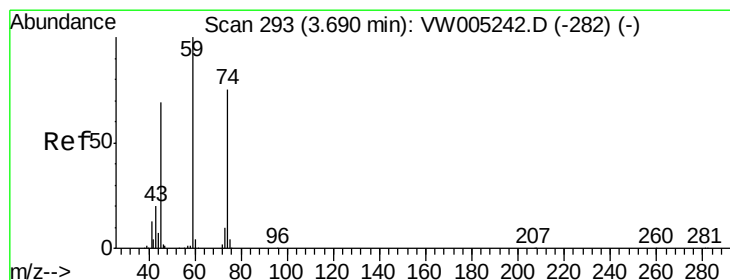
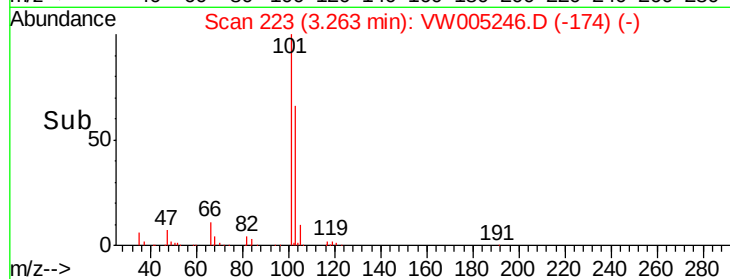
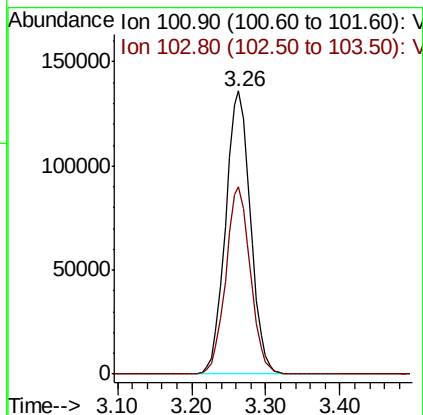
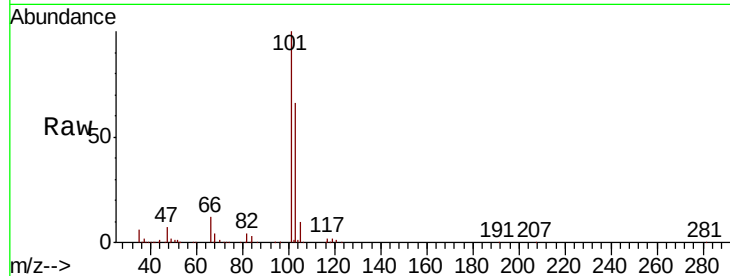


#7

Trichlorofluoromethane
 Concen: 49.507 ug/l
 RT: 3.26 min Scan# 223
 Delta R.T. -0.00 min
 Lab File: VW005246.D
 Acq: 10 Sep 2018 17:30

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW091018

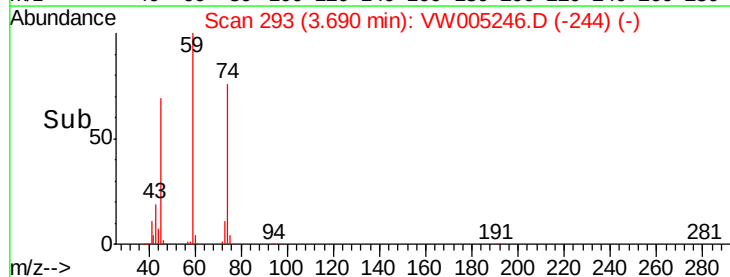
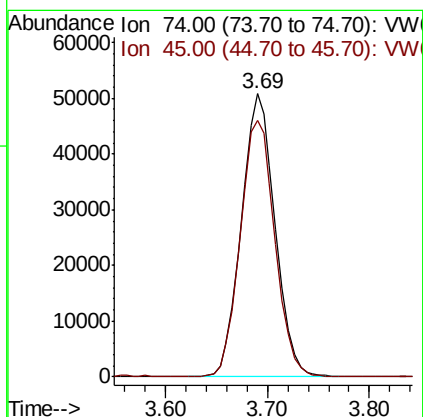
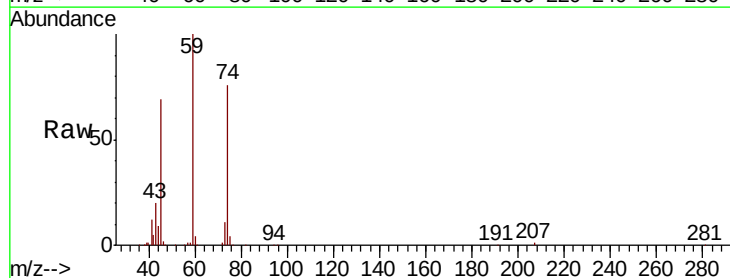
Tgt Ion: 101 Resp: 317161
 Ion Ratio Lower Upper
 101 100
 103 66.0 54.1 81.1

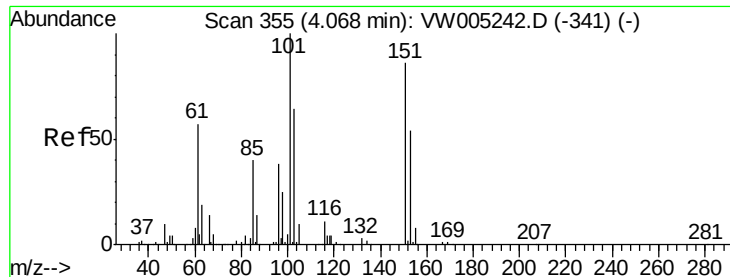


#8

Diethyl Ether
 Concen: 50.941 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VW005246.D
 Acq: 10 Sep 2018 17:30

Tgt Ion: 74 Resp: 116305
 Ion Ratio Lower Upper
 74 100
 45 93.5 45.1 135.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.215 ug/l

RT: 4.07 min Scan# 355

Delta R.T. -0.00 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

Instrument :

MSVOA_W

ClientSampleId :

ICVW091018

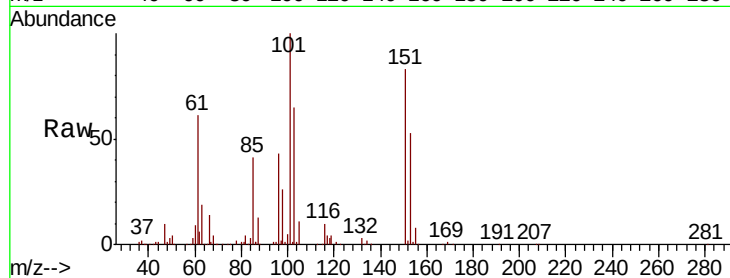
Tgt Ion:101 Resp: 225206

Ion Ratio Lower Upper

101 100

85 41.8 32.7 49.1

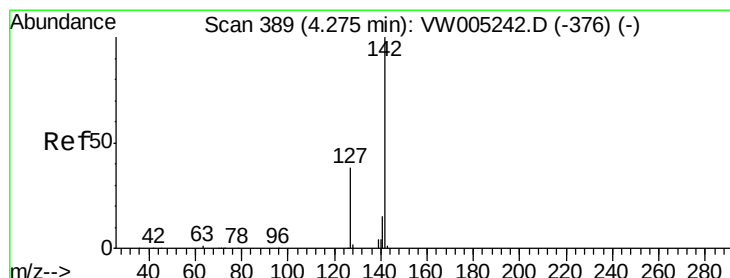
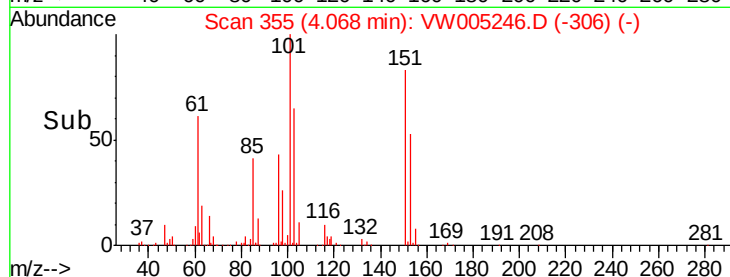
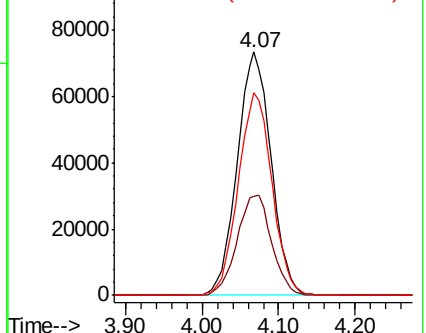
151 83.1 67.6 101.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 49.005 ug/l

RT: 4.28 min Scan# 390

Delta R.T. 0.01 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

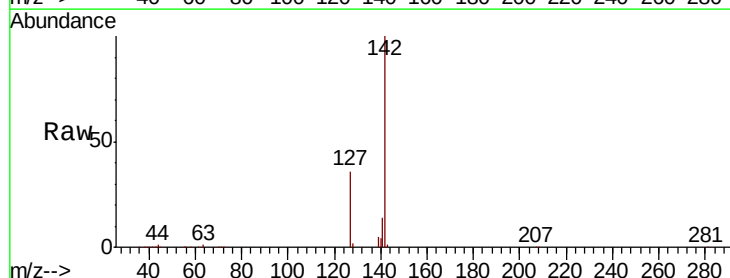
Tgt Ion:142 Resp: 278325

Ion Ratio Lower Upper

142 100

127 37.1 30.3 45.5

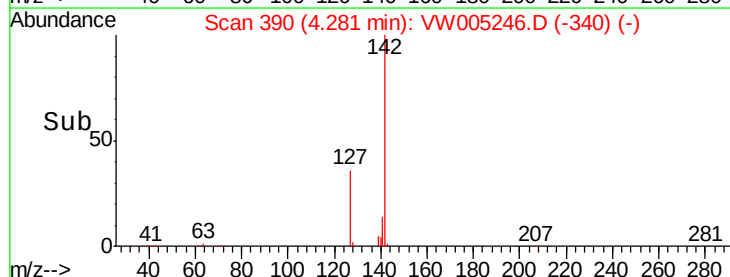
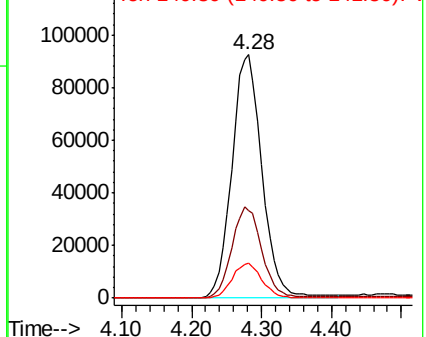
141 14.1 11.4 17.0

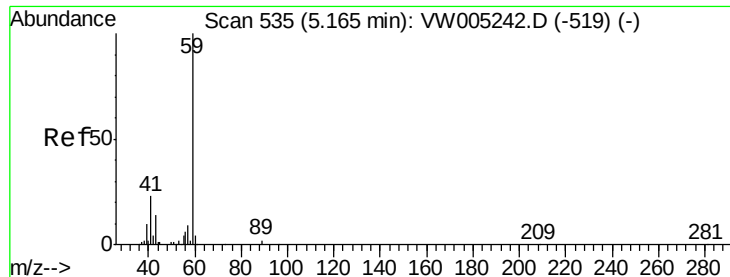


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

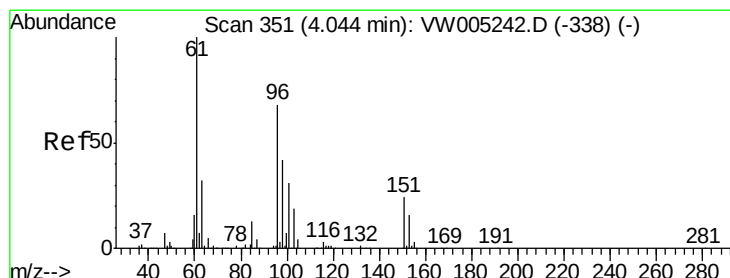
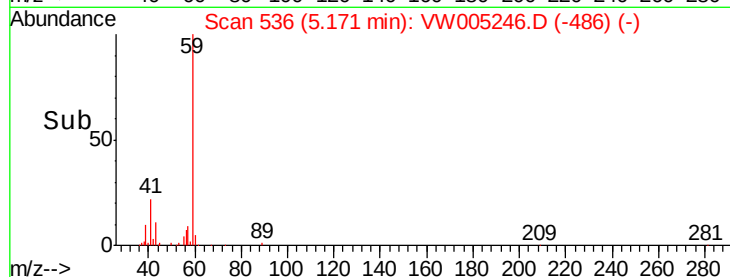
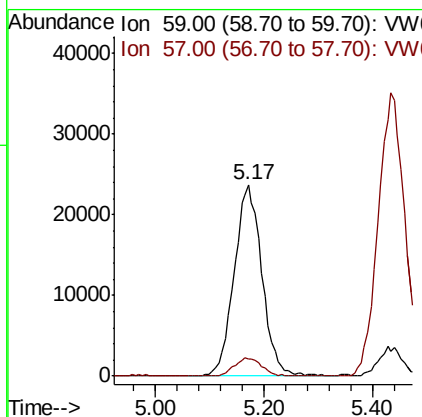
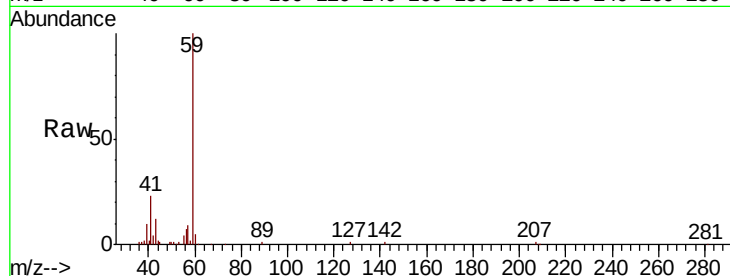




#11
Tert butyl alcohol
Concen: 257.460 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.01 min
Lab File: VW005246.D
Acq: 10 Sep 2018 17:30

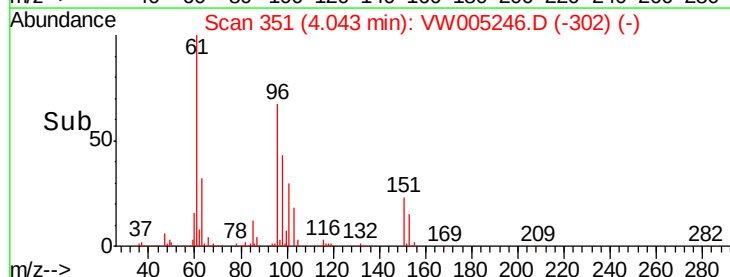
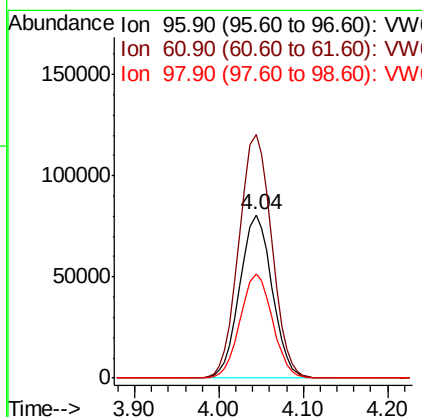
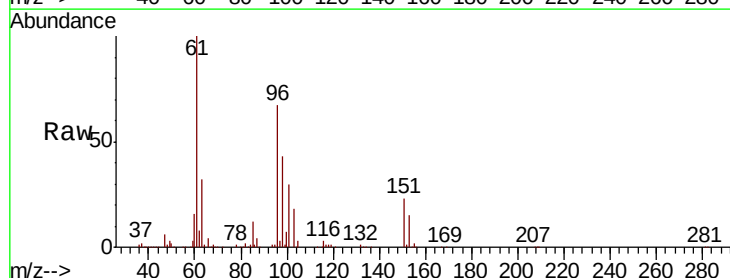
Instrument :
MSVOA_W
ClientSampleId :
ICVW091018

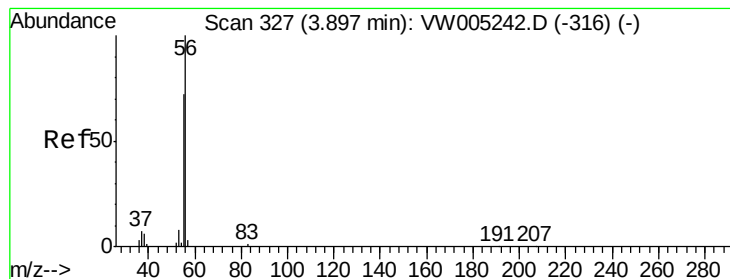
Tgt Ion: 59 Resp: 84234
Ion Ratio Lower Upper
59 100
57 9.7 8.1 12.1



#12
1,1-Dichloroethene
Concen: 49.841 ug/l
RT: 4.04 min Scan# 351
Delta R.T. -0.00 min
Lab File: VW005246.D
Acq: 10 Sep 2018 17:30

Tgt Ion: 96 Resp: 209997
Ion Ratio Lower Upper
96 100
61 149.2 118.2 177.2
98 63.8 49.9 74.9





#13

Acrolein

Concen: 253.640 ug/l

RT: 3.90 min Scan# 328

Delta R.T. 0.01 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

Instrument :

MSVOA_W

ClientSampleId :

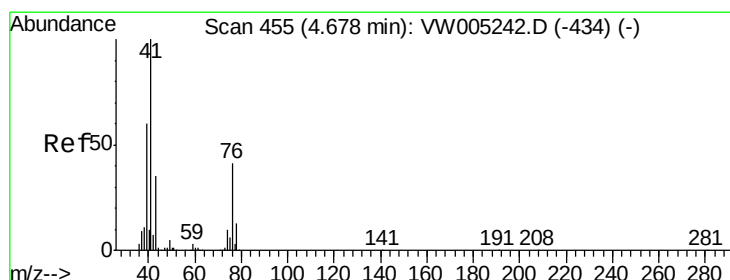
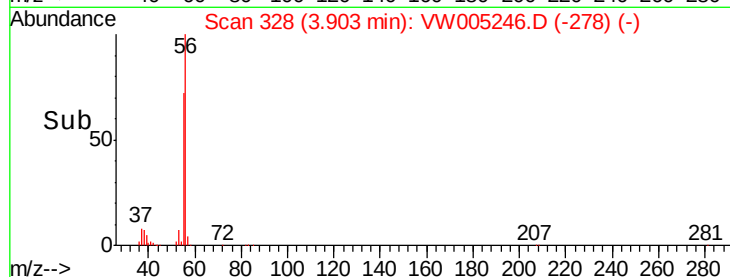
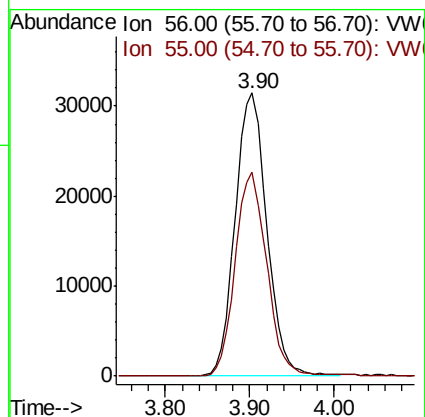
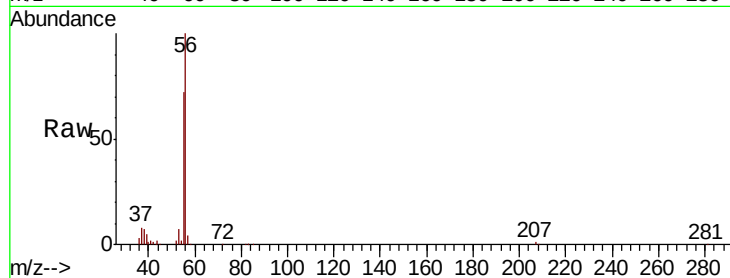
ICVW091018

Tgt Ion: 56 Resp: 80160

Ion Ratio Lower Upper

56 100

55 71.9 56.8 85.2



#14

Allyl chloride

Concen: 52.697 ug/l

RT: 4.68 min Scan# 455

Delta R.T. -0.00 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

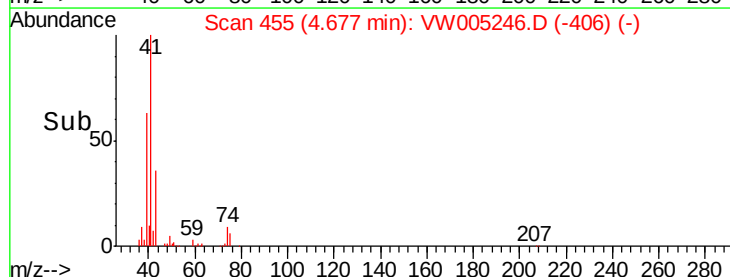
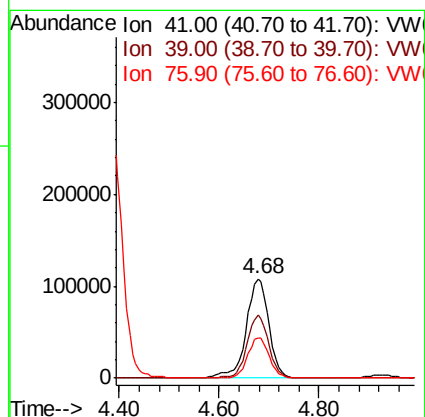
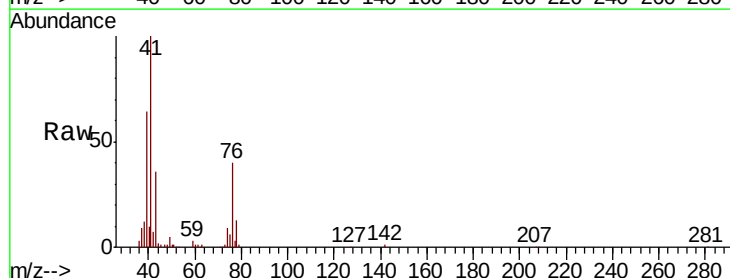
Tgt Ion: 41 Resp: 341160

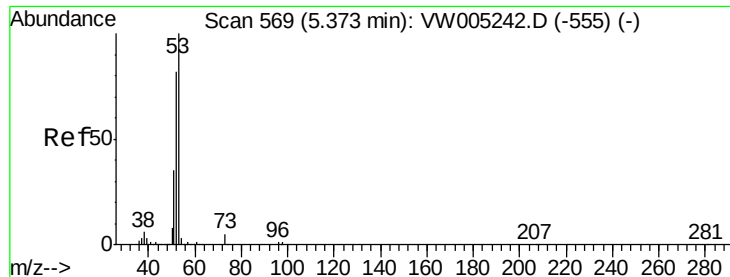
Ion Ratio Lower Upper

41 100

39 60.5 48.2 72.4

76 38.4 31.7 47.5

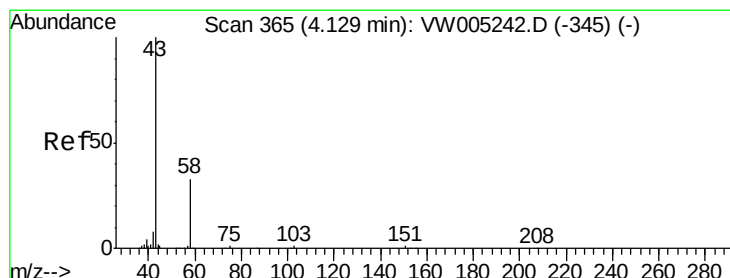
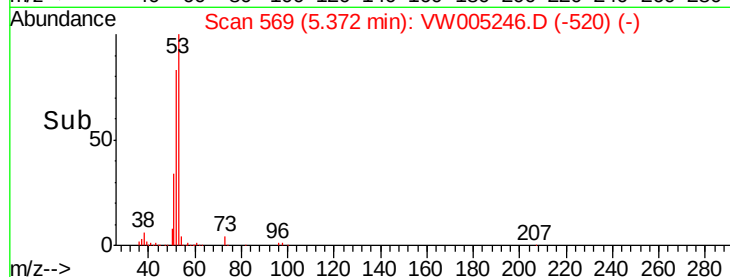
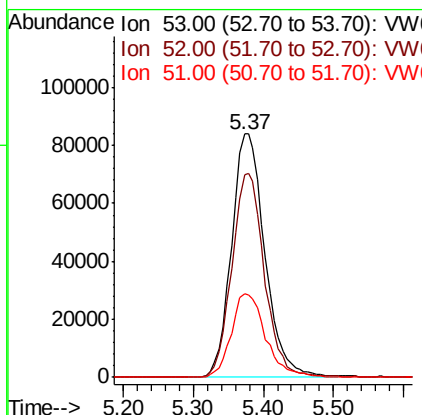
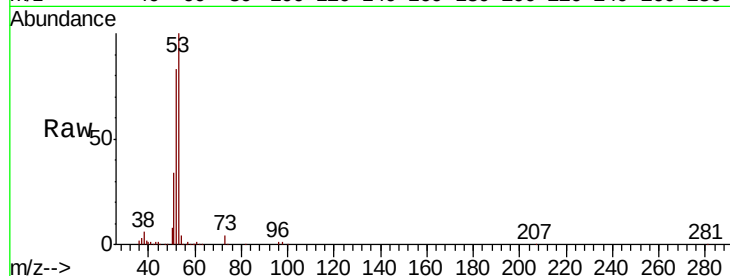




#15
 Acrylonitrile
 Concen: 269.519 ug/l
 RT: 5.37 min Scan# 569
 Delta R.T. -0.00 min
 Lab File: VW005246.D
 Acq: 10 Sep 2018 17:30

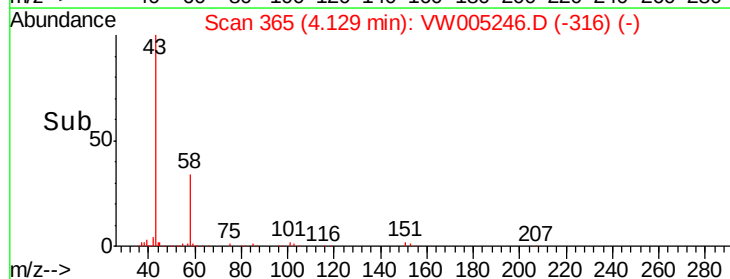
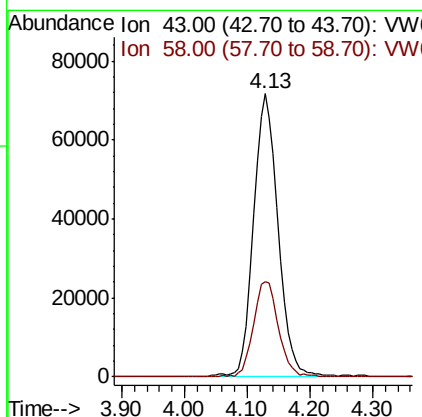
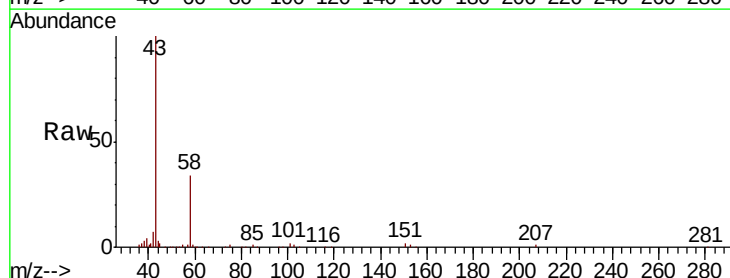
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW091018

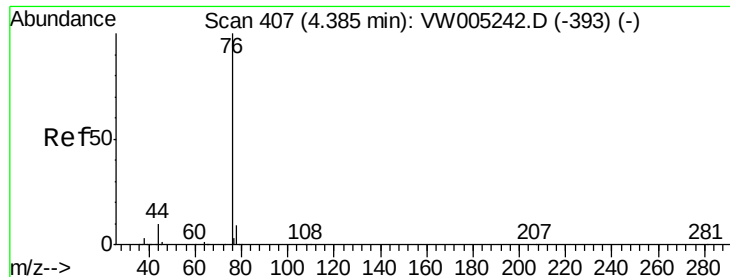
Tgt Ion: 53 Resp: 277620
 Ion Ratio Lower Upper
 53 100
 52 81.9 66.0 99.0
 51 35.4 28.6 43.0



#16
 Acetone
 Concen: 262.751 ug/l
 RT: 4.13 min Scan# 365
 Delta R.T. -0.00 min
 Lab File: VW005246.D
 Acq: 10 Sep 2018 17:30

Tgt Ion: 43 Resp: 194573
 Ion Ratio Lower Upper
 43 100
 58 33.7 26.7 40.1

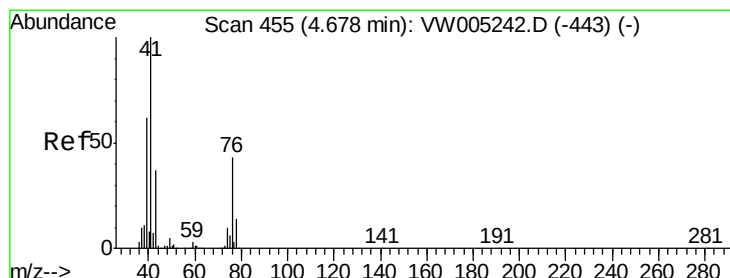
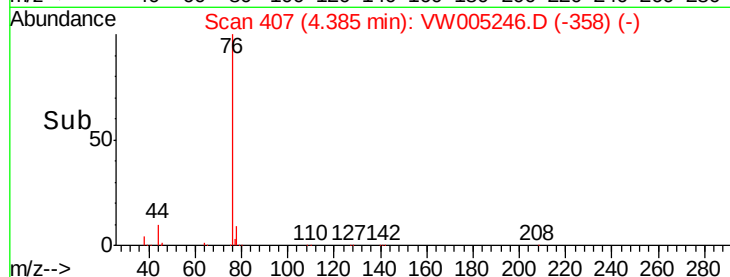
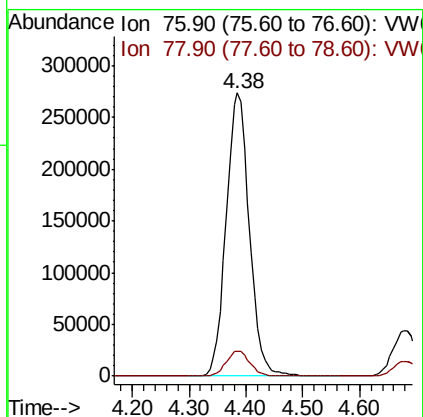
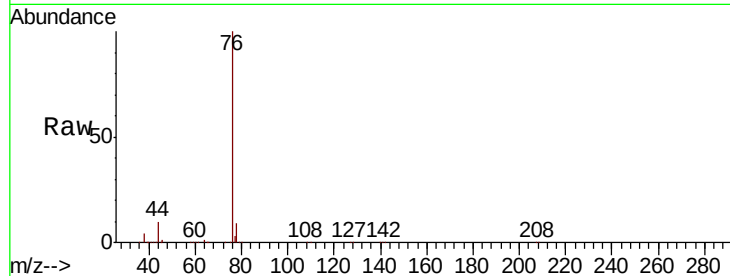




#17
Carbon Disulfide
Concen: 52.543 ug/l
RT: 4.38 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW005246.D
Acq: 10 Sep 2018 17:30

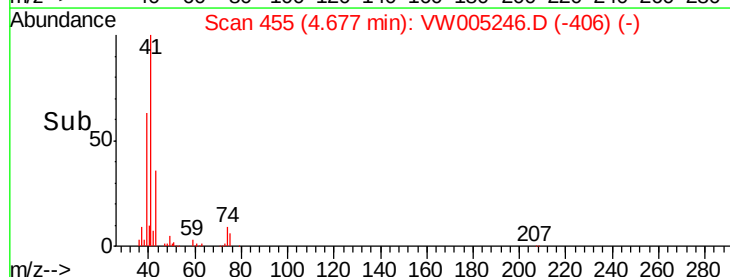
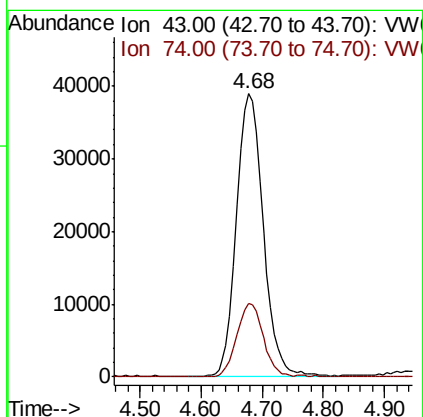
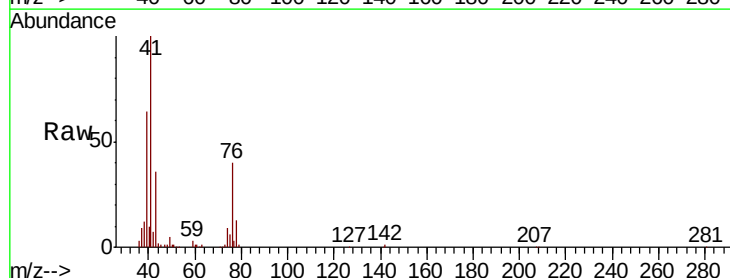
Instrument :
MSVOA_W
ClientSampleId :
ICVW091018

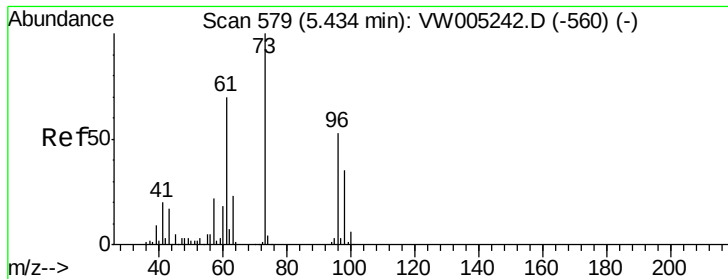
Tgt Ion: 76 Resp: 777075
Ion Ratio Lower Upper
76 100
78 9.0 7.5 11.3



#18
Methyl Acetate
Concen: 53.773 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.00 min
Lab File: VW005246.D
Acq: 10 Sep 2018 17:30

Tgt Ion: 43 Resp: 118868
Ion Ratio Lower Upper
43 100
74 25.8 21.4 32.2

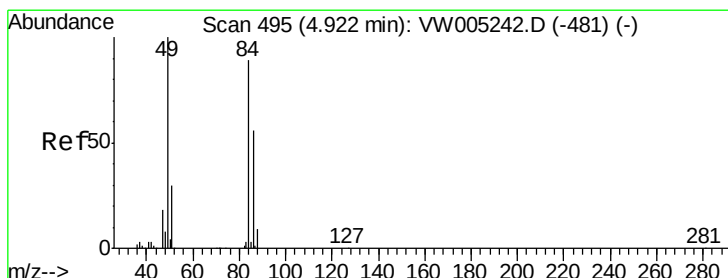
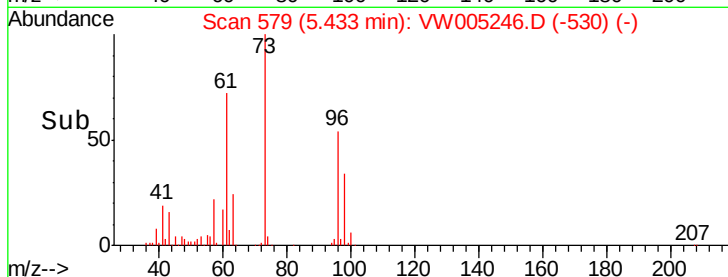
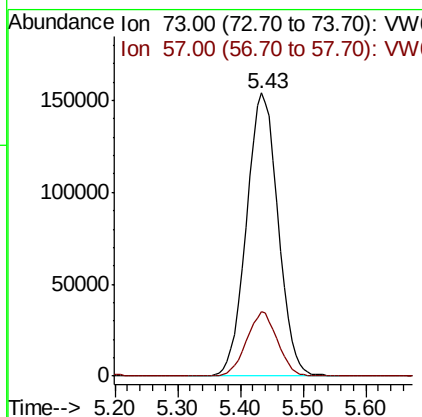
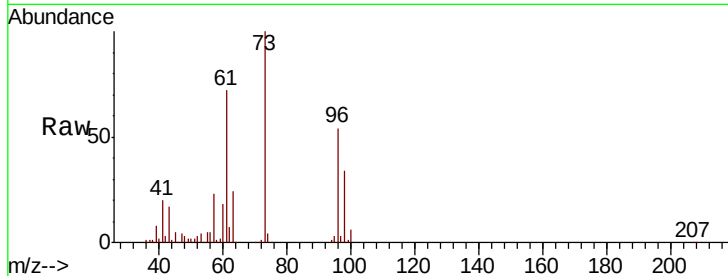




#19
Methyl tert-butyl Ether
Concen: 53.480 ug/l
RT: 5.43 min Scan# 579
Delta R.T. -0.00 min
Lab File: VW005246.D
Acq: 10 Sep 2018 17:30

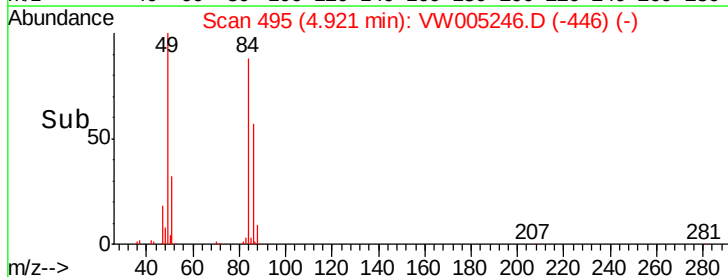
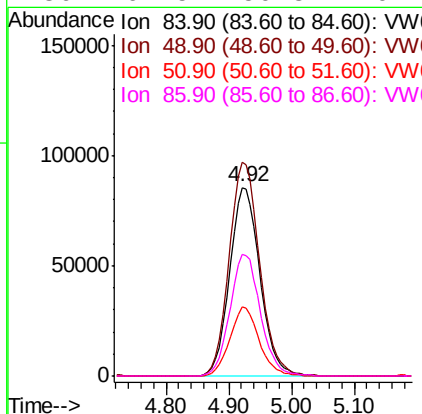
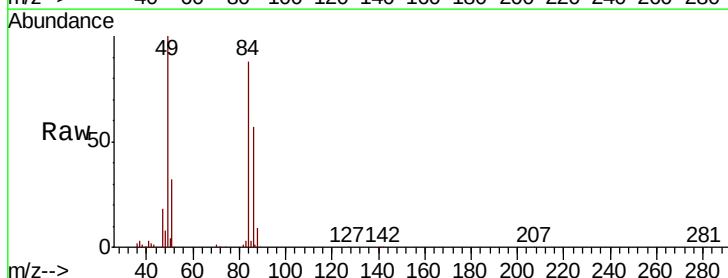
Instrument :
MSVOA_W
ClientSampleId :
ICVW091018

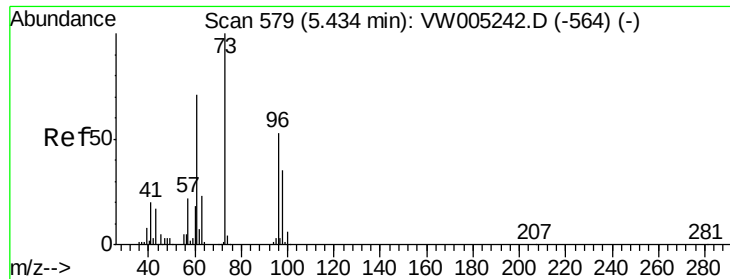
Tgt Ion: 73 Resp: 536694
Ion Ratio Lower Upper
73 100
57 22.8 17.4 26.2



#20
Methylene Chloride
Concen: 52.141 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW005246.D
Acq: 10 Sep 2018 17:30

Tgt Ion: 84 Resp: 286177
Ion Ratio Lower Upper
84 100
49 113.1 90.3 135.5
51 36.4 26.9 40.3
86 64.5 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 50.049 ug/l

RT: 5.43 min Scan# 579

Delta R.T. -0.00 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

Instrument :

MSVOA_W

ClientSampleId :

ICVW091018

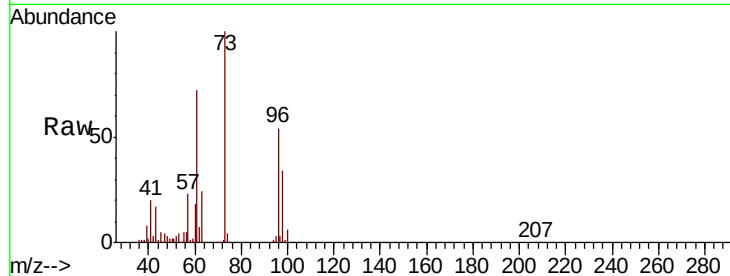
Tgt Ion: 96 Resp: 246213

Ion Ratio Lower Upper

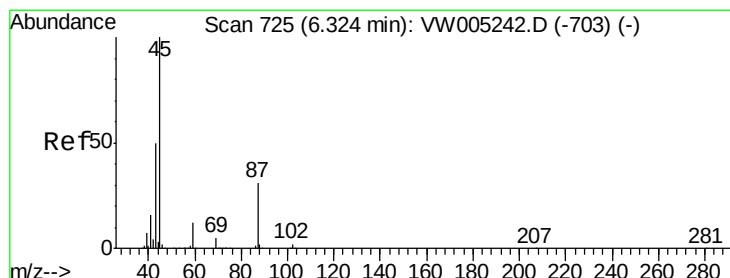
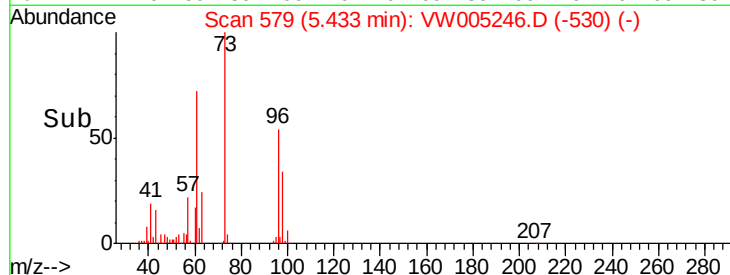
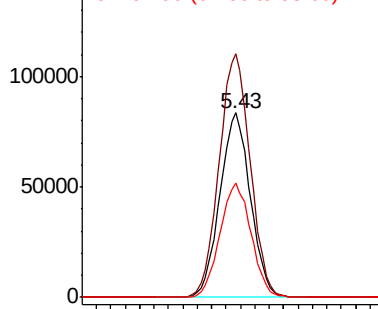
96 100

61 132.0 105.7 158.5

98 62.0 52.8 79.2



Abundance Ion 95.90 (95.60 to 96.60): VW
150000 Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 56.218 ug/l

RT: 6.32 min Scan# 724

Delta R.T. -0.01 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

Tgt Ion: 45 Resp: 732726

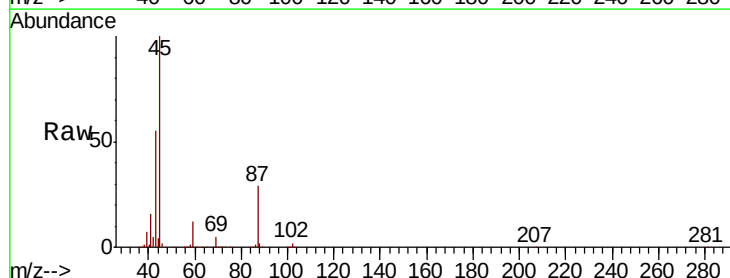
Ion Ratio Lower Upper

45 100

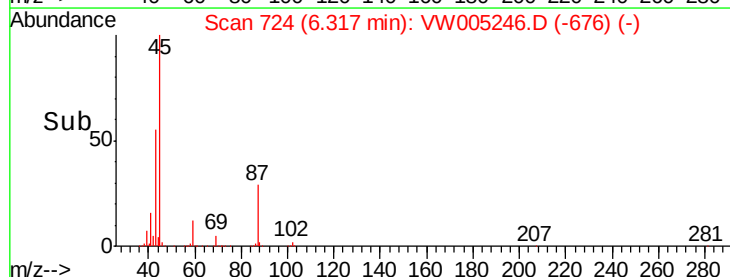
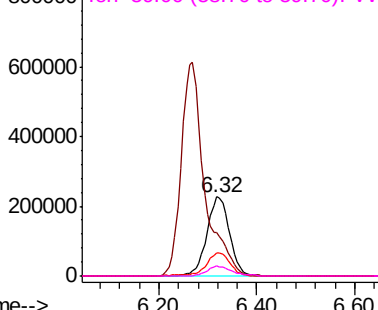
43 54.8 39.6 59.4

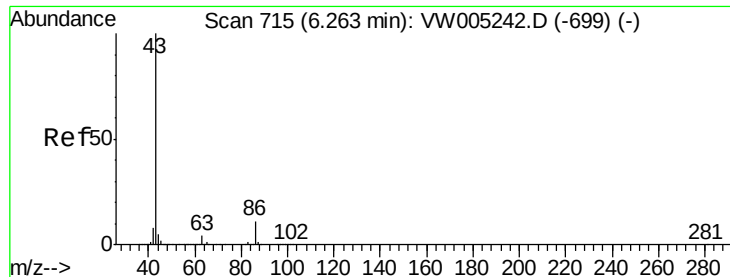
87 28.8 24.7 37.1

59 12.3 9.7 14.5



Abundance Ion 45.00 (44.70 to 45.70): VW
800000 Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 278.988 ug/l

RT: 6.27 min Scan# 716

Delta R.T. 0.01 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

Instrument :

MSVOA_W

ClientSampleId :

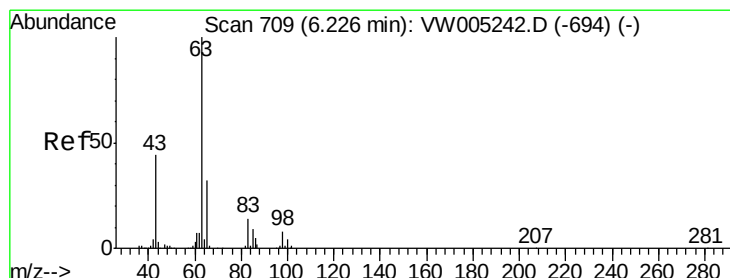
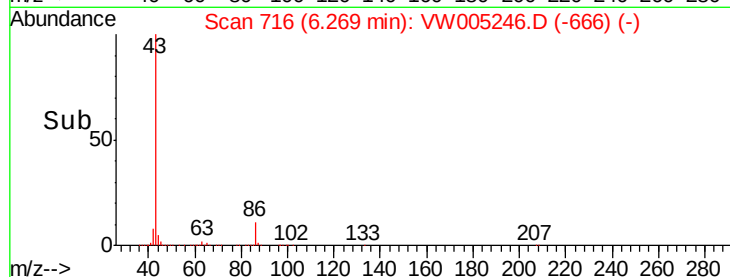
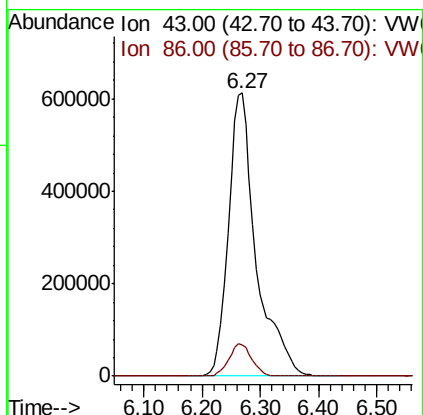
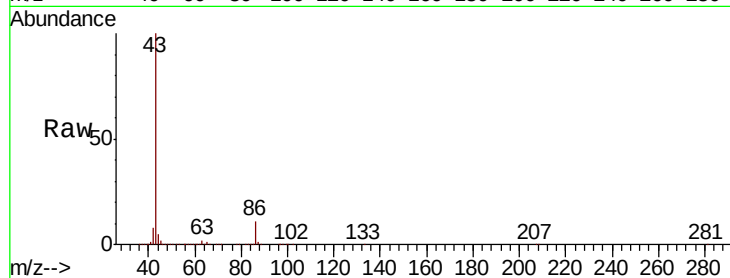
ICVW091018

Tgt Ion: 43 Resp: 2026448

Ion Ratio Lower Upper

43 100

86 11.3 8.9 13.3



#24

1,1-Dichloroethane

Concen: 51.913 ug/l

RT: 6.23 min Scan# 709

Delta R.T. -0.00 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

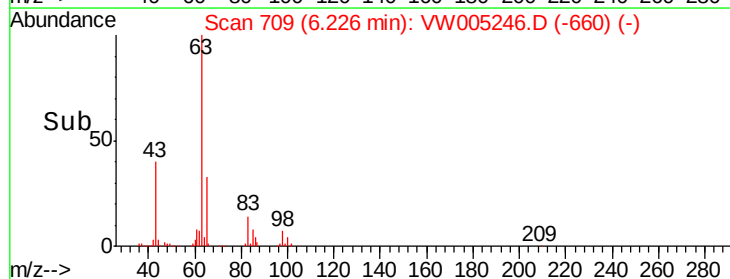
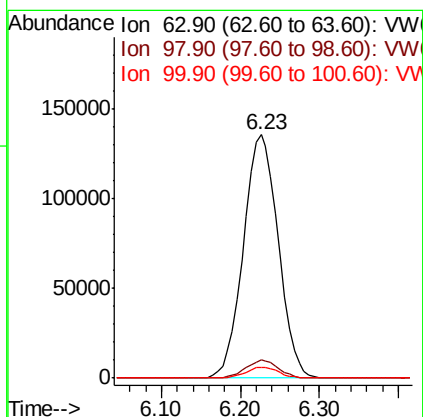
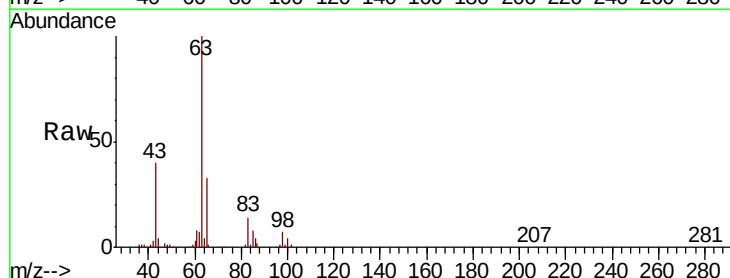
Tgt Ion: 63 Resp: 416502

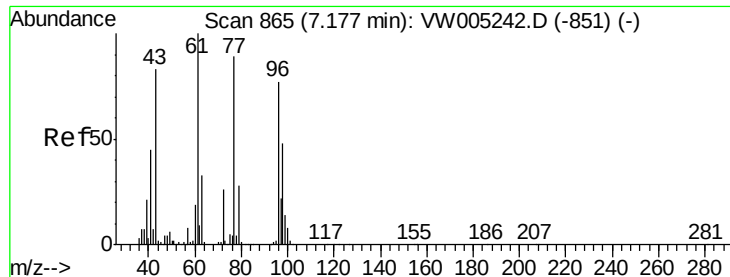
Ion Ratio Lower Upper

63 100

98 7.4 3.8 11.4

100 4.5 2.2 6.6





#25

2-Butanone

Concen: 271.260 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

Instrument :

MSVOA_W

ClientSampled :

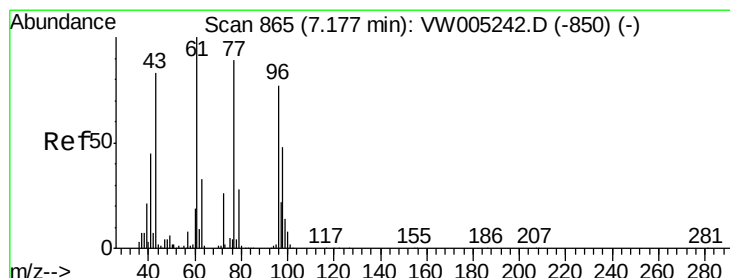
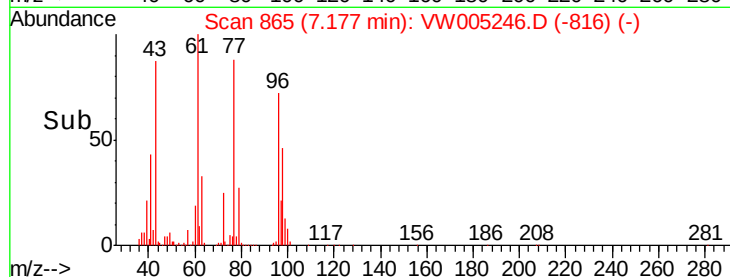
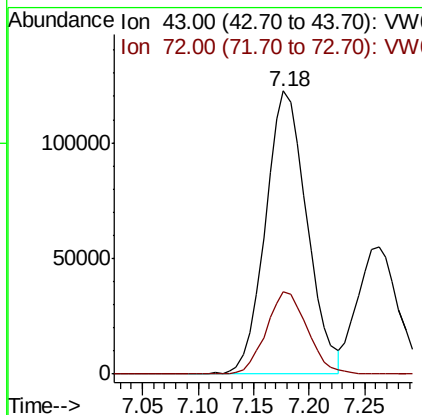
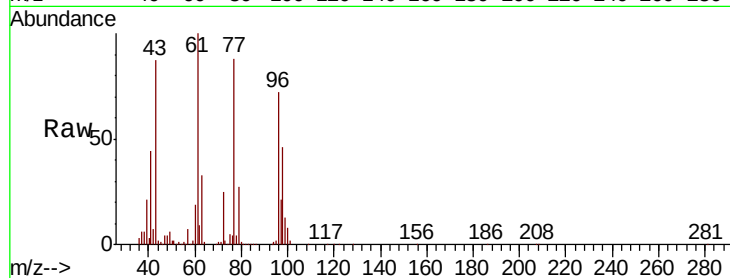
ICVW091018

Tgt Ion: 43 Resp: 316850

Ion Ratio Lower Upper

43 100

72 29.1 25.0 37.6



#26

2,2-Dichloropropane

Concen: 50.444 ug/l

RT: 7.18 min Scan# 865

Delta R.T. -0.00 min

Lab File: VW005246.D

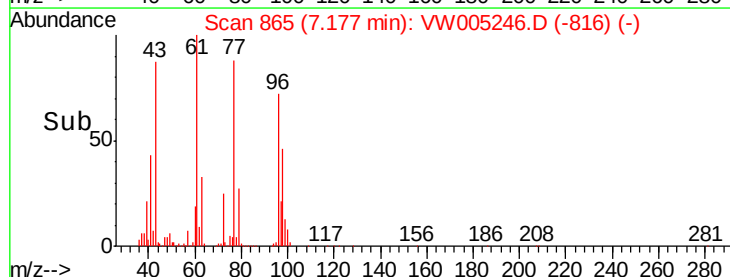
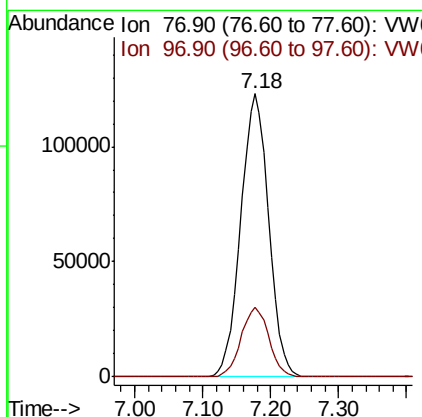
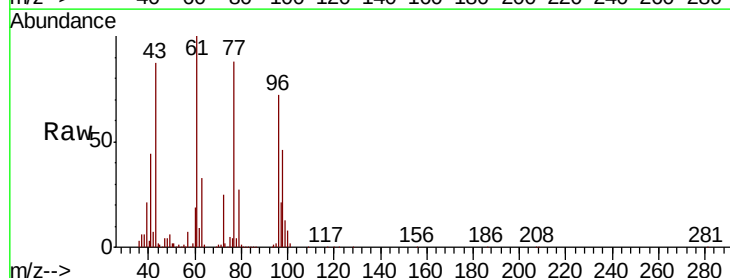
Acq: 10 Sep 2018 17:30

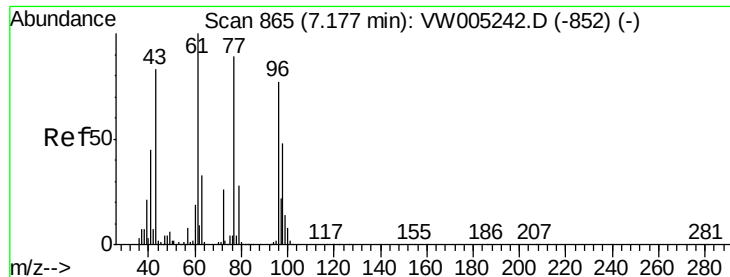
Tgt Ion: 77 Resp: 350892

Ion Ratio Lower Upper

77 100

97 24.3 12.2 36.6



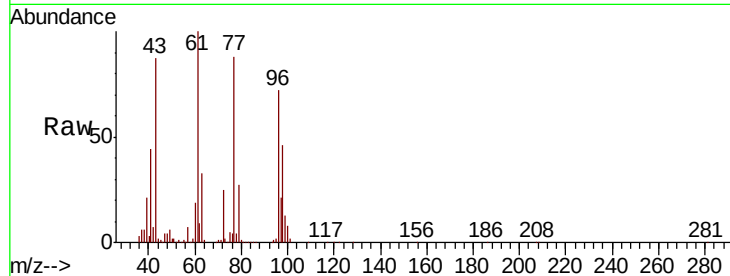


#27

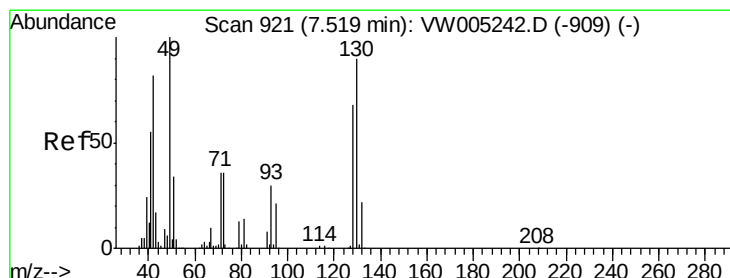
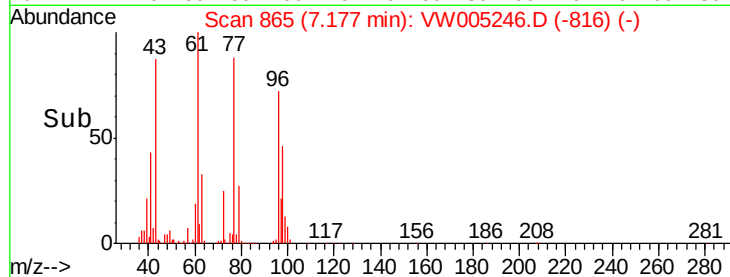
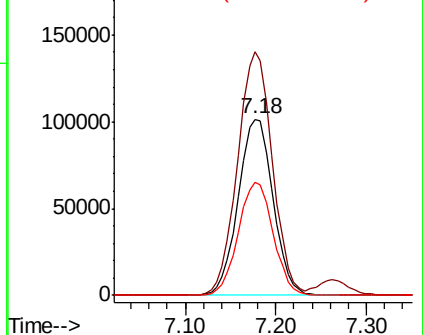
cis-1,2-Dichloroethene
Concen: 51.359 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.00 min
Lab File: VW005246.D
Acq: 10 Sep 2018 17:30

Instrument :
MSVOA_W
ClientSampleId :
ICVW091018

Tgt Ion	Ratio	Lower	Upper
96	100		
61	138.2	0.0	273.4
98	64.3	0.0	127.8



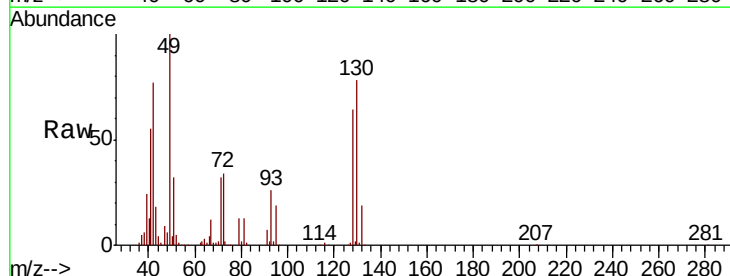
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



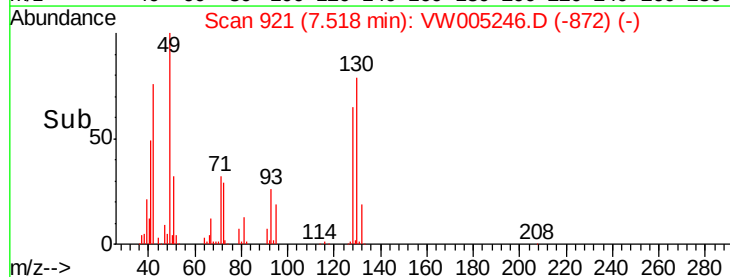
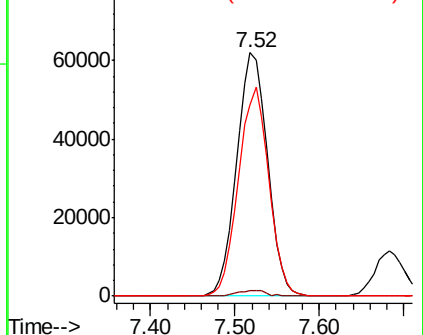
#28

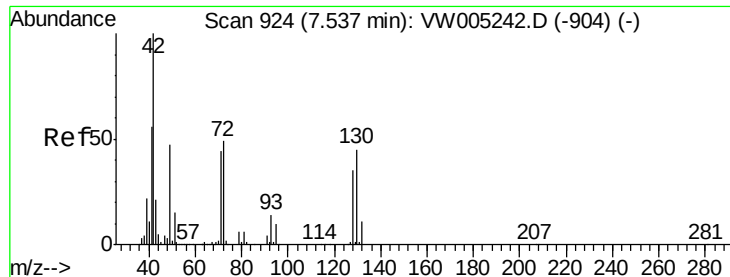
Bromochloromethane
Concen: 51.857 ug/l
RT: 7.52 min Scan# 921
Delta R.T. -0.00 min
Lab File: VW005246.D
Acq: 10 Sep 2018 17:30

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	2.0#
130	84.5	71.2	106.8



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 271.130 ug/l

RT: 7.54 min Scan# 924

Delta R.T. -0.00 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

Instrument :

MSVOA_W

ClientSampled :

ICVW091018

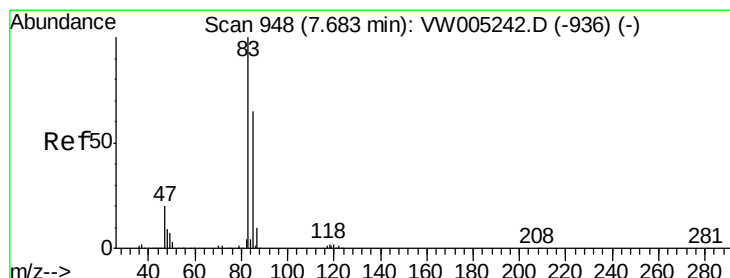
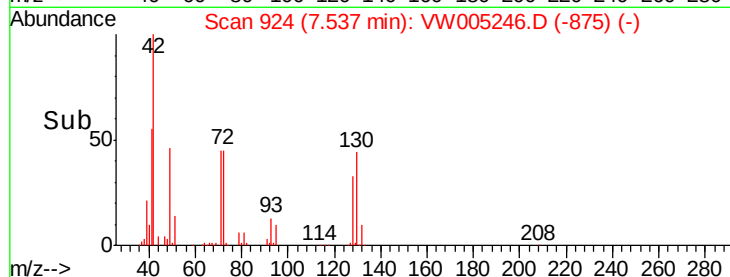
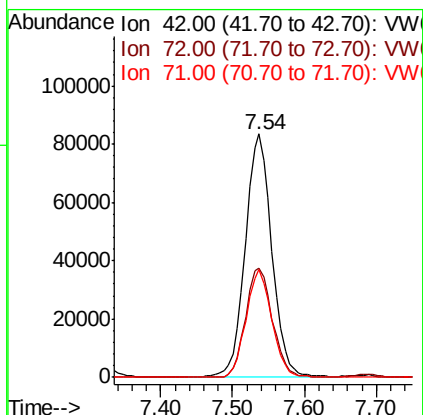
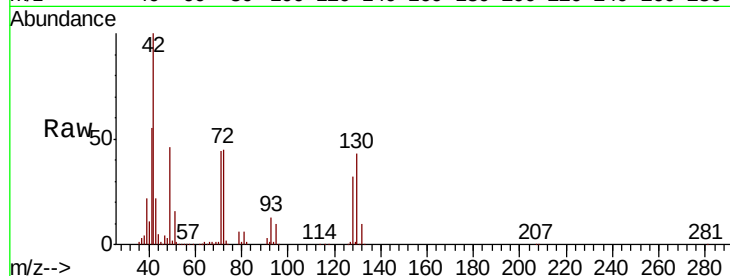
Tgt Ion: 42 Resp: 213422

Ion Ratio Lower Upper

42 100

72 45.7 37.5 56.3

71 43.0 34.8 52.2



#30

Chloroform

Concen: 50.941 ug/l

RT: 7.68 min Scan# 948

Delta R.T. -0.00 min

Lab File: VW005246.D

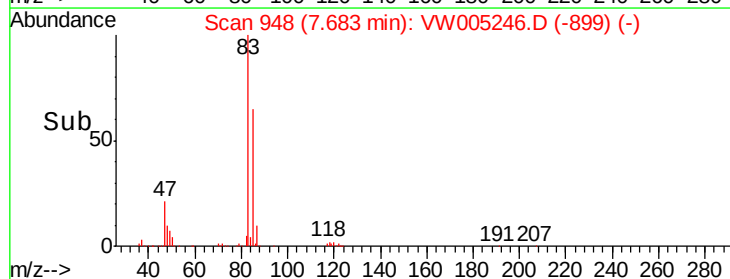
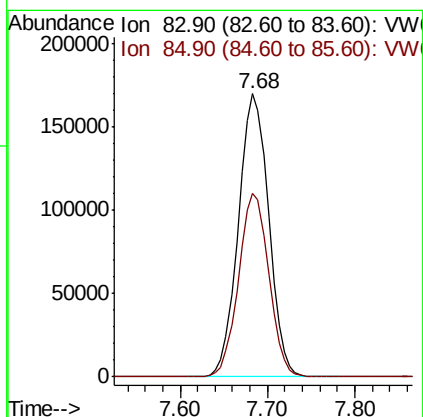
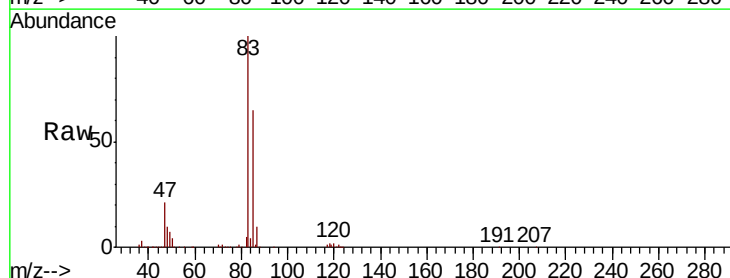
Acq: 10 Sep 2018 17:30

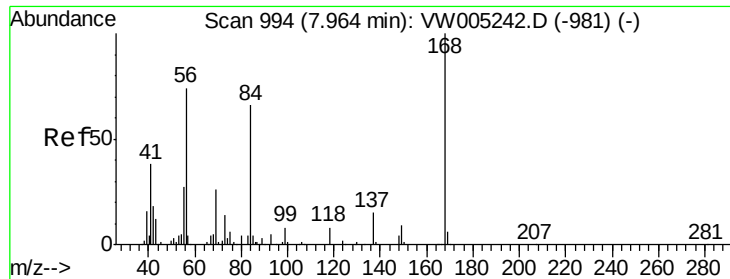
Tgt Ion: 83 Resp: 410152

Ion Ratio Lower Upper

83 100

85 64.9 51.7 77.5

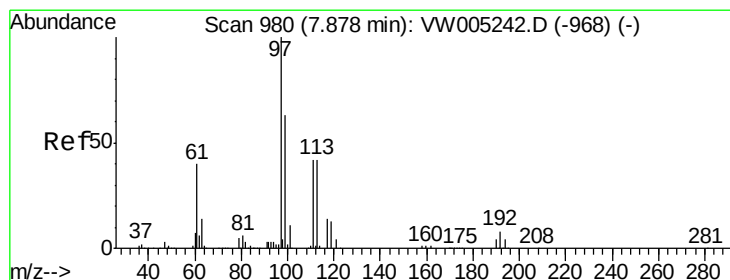
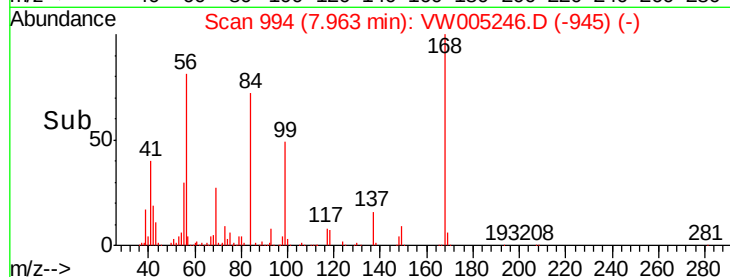
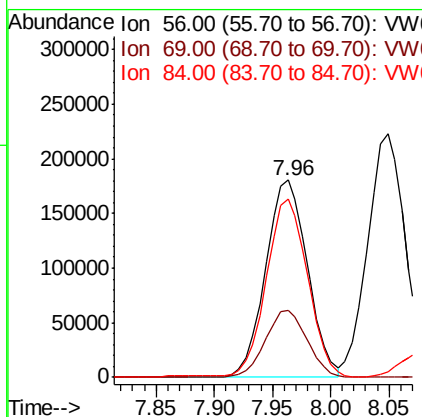
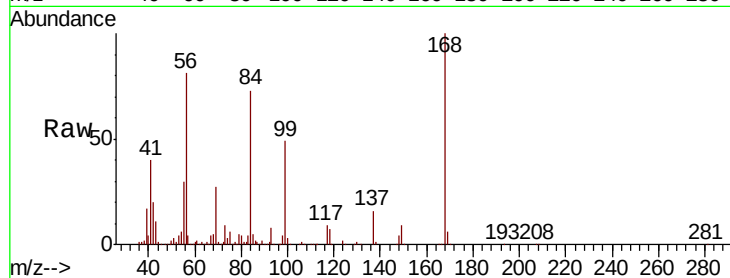




#31
Cyclohexane
Concen: 52.749 ug/l
RT: 7.96 min Scan# 994
Delta R.T. -0.00 min
Lab File: VW005246.D
Acq: 10 Sep 2018 17:30

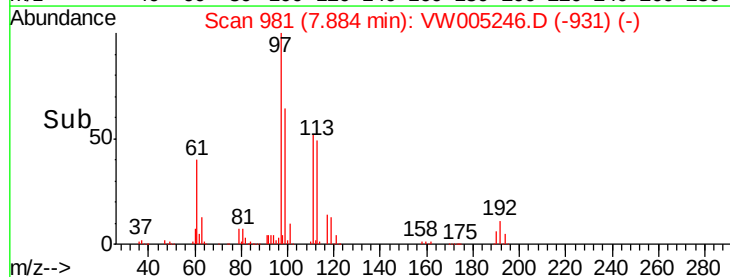
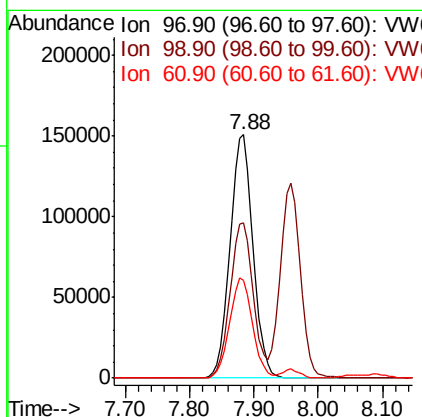
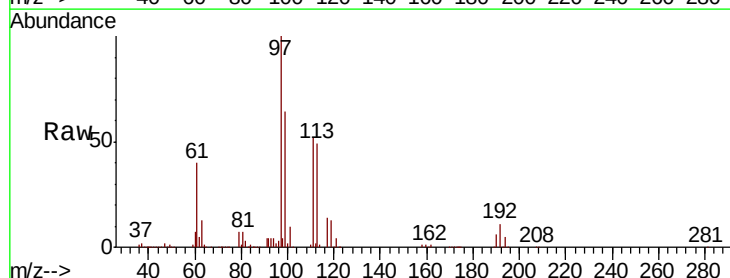
Instrument :
MSVOA_W
ClientSampleId :
ICVW091018

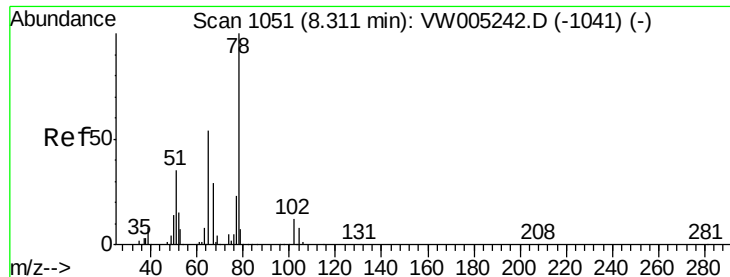
Tgt Ion: 56 Resp: 450318
Ion Ratio Lower Upper
56 100
69 34.0 27.8 41.8
84 89.5 72.1 108.1



#32
1,1,1-Trichloroethane
Concen: 51.889 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.01 min
Lab File: VW005246.D
Acq: 10 Sep 2018 17:30

Tgt Ion: 97 Resp: 377435
Ion Ratio Lower Upper
97 100
99 64.8 51.5 77.3
61 41.1 32.5 48.7

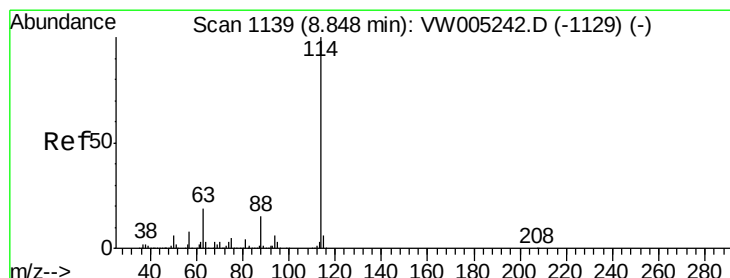
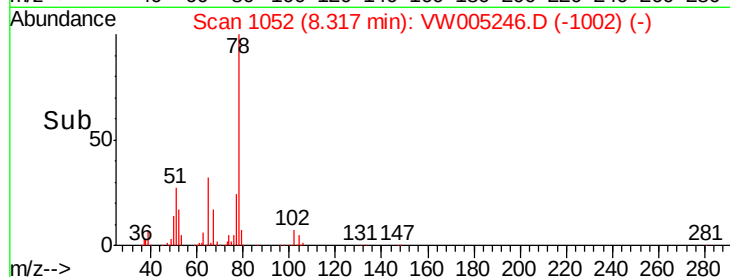
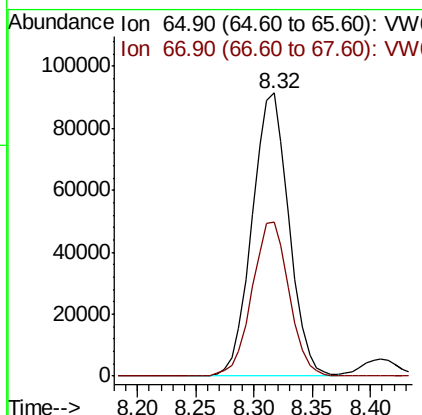
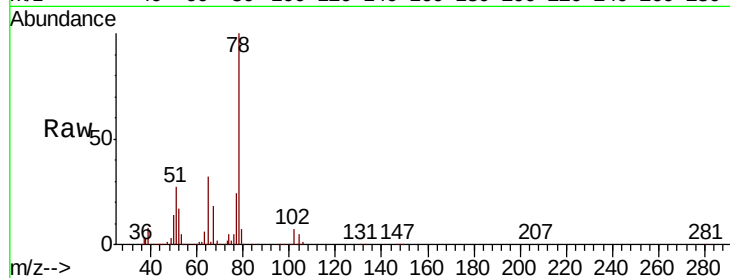




#33
 1,2-Dichloroethane-d4
 Concen: 50.496 ug/l
 RT: 8.32 min Scan# 1052
 Delta R.T. 0.01 min
 Lab File: VW005246.D
 Acq: 10 Sep 2018 17:30

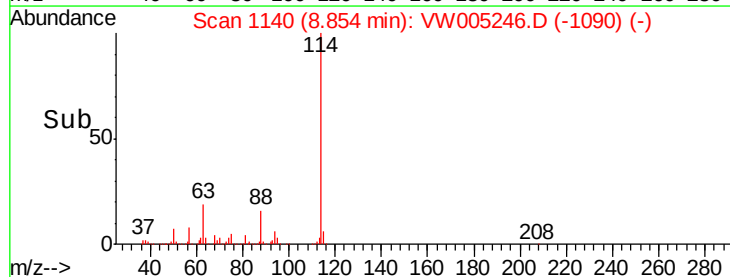
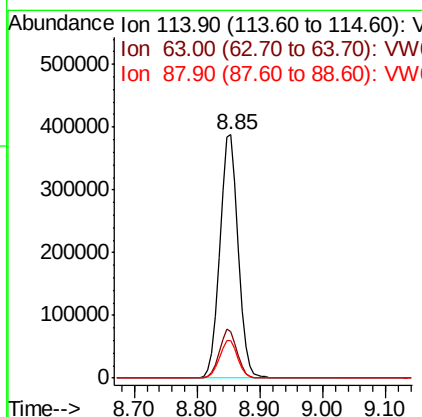
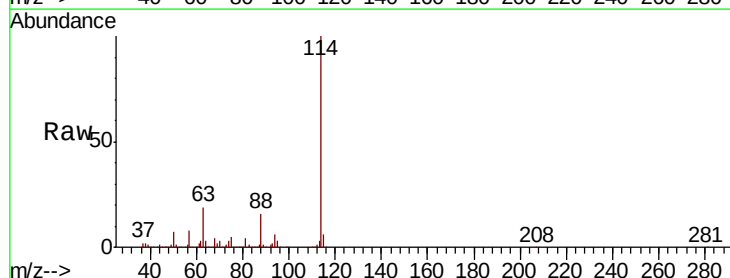
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW091018

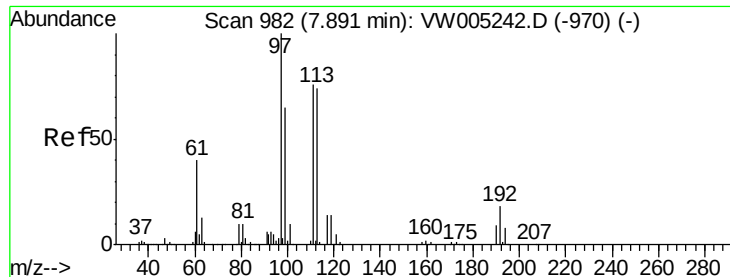
Tgt Ion: 65 Resp: 201457
 Ion Ratio Lower Upper
 65 100
 67 54.9 0.0 112.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.85 min Scan# 1140
 Delta R.T. 0.01 min
 Lab File: VW005246.D
 Acq: 10 Sep 2018 17:30

Tgt Ion: 114 Resp: 781088
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 37.0
 88 15.6 0.0 30.4

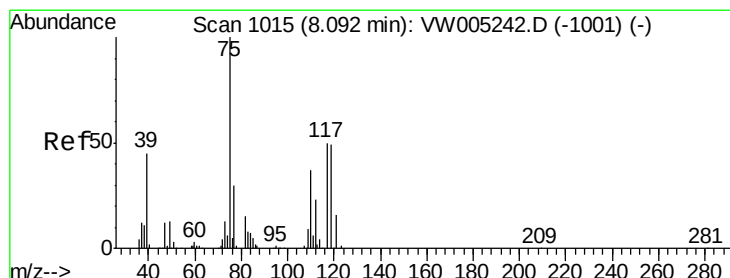
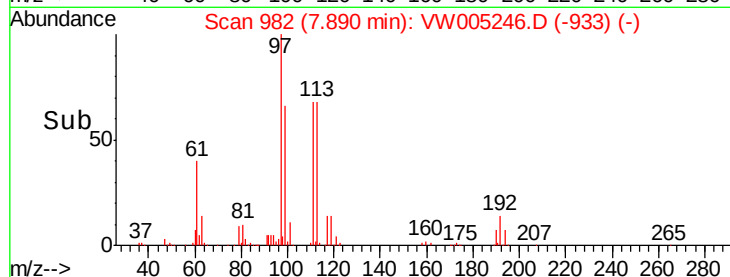
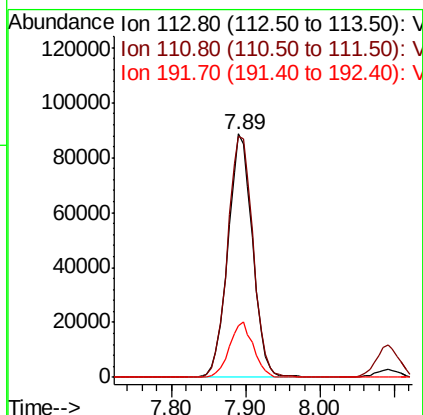
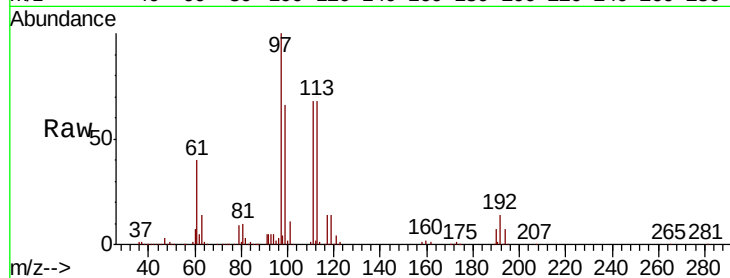




#35
 Dibromofluoromethane
 Concen: 49.942 ug/l
 RT: 7.89 min Scan# 982
 Delta R.T. -0.00 min
 Lab File: VW005246.D
 Acq: 10 Sep 2018 17:30

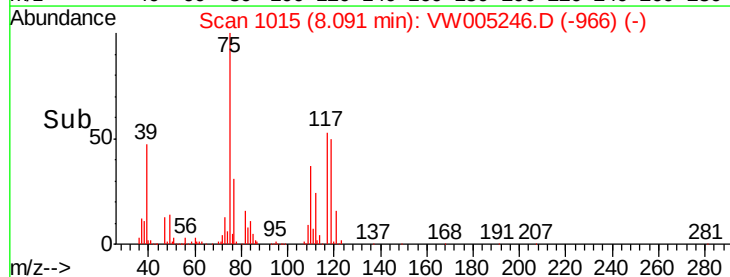
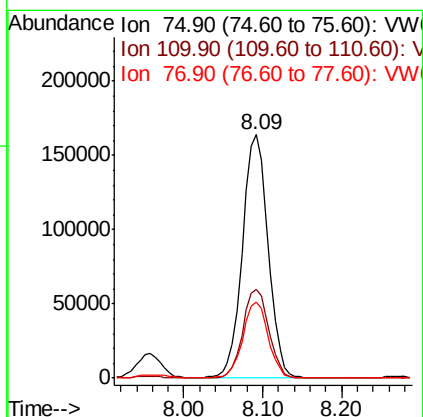
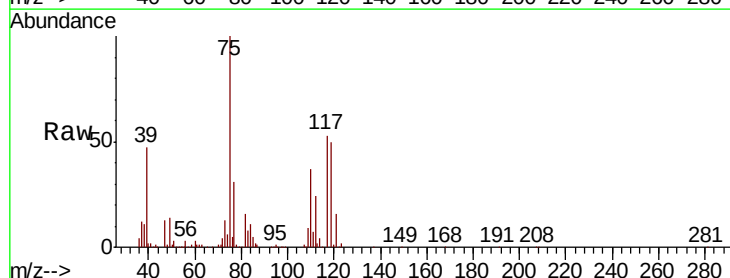
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW091018

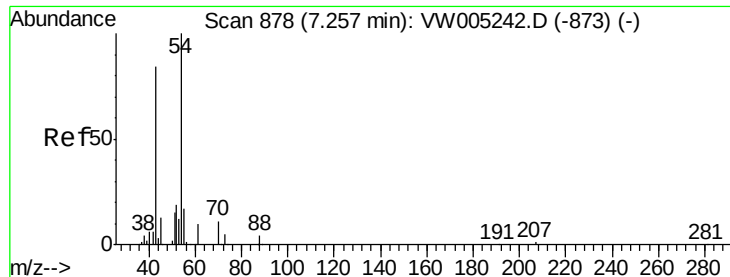
Tgt Ion: 113 Resp: 204343
 Ion Ratio Lower Upper
 113 100
 111 102.8 80.6 121.0
 192 22.1 18.3 27.5



#36
 1,1-Dichloropropene
 Concen: 52.103 ug/l
 RT: 8.09 min Scan# 1015
 Delta R.T. -0.00 min
 Lab File: VW005246.D
 Acq: 10 Sep 2018 17:30

Tgt Ion: 75 Resp: 372855
 Ion Ratio Lower Upper
 75 100
 110 36.7 18.8 56.4
 77 31.3 24.9 37.3

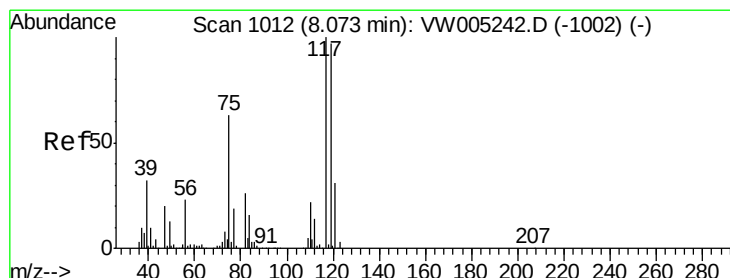
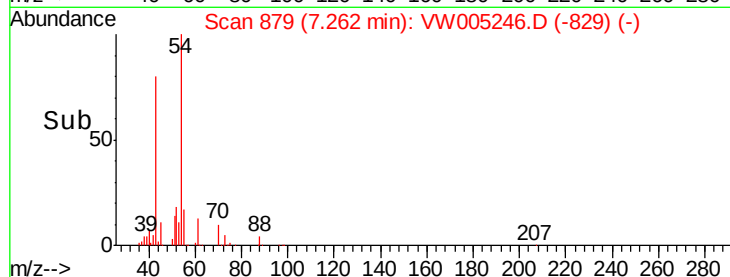
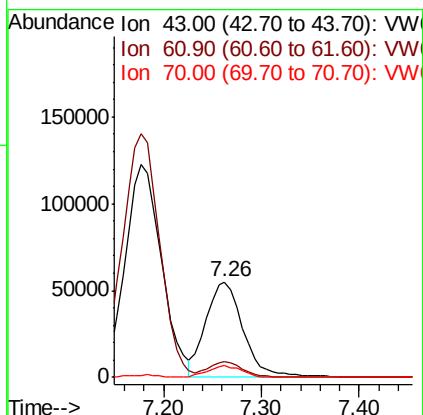
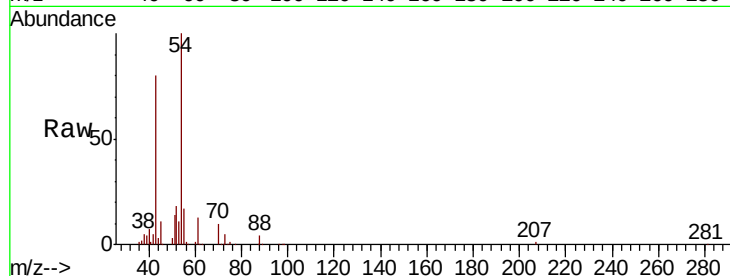




#37
Ethyl Acetate
Concen: 52.417 ug/l
RT: 7.26 min Scan# 879
Delta R.T. 0.01 min
Lab File: VW005246.D
Acq: 10 Sep 2018 17:30

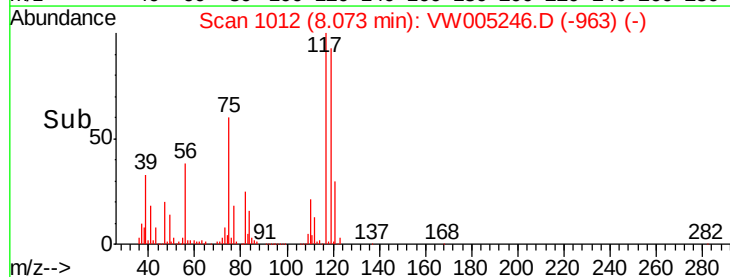
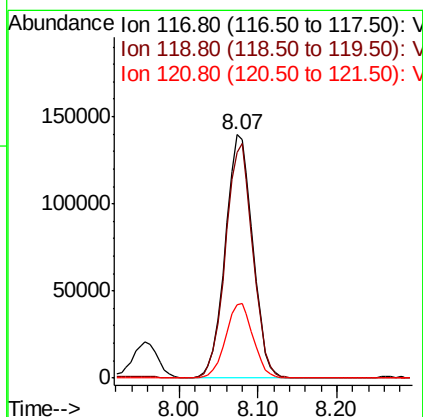
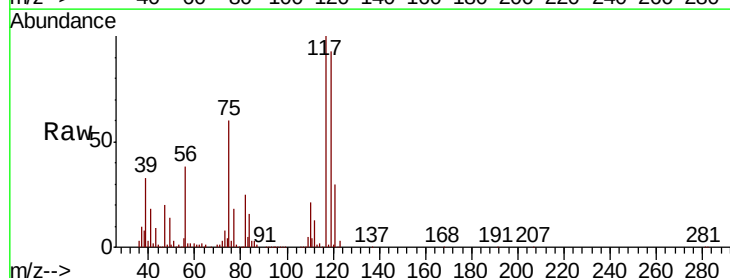
Instrument :
MSVOA_W
ClientSampleId :
ICVW091018

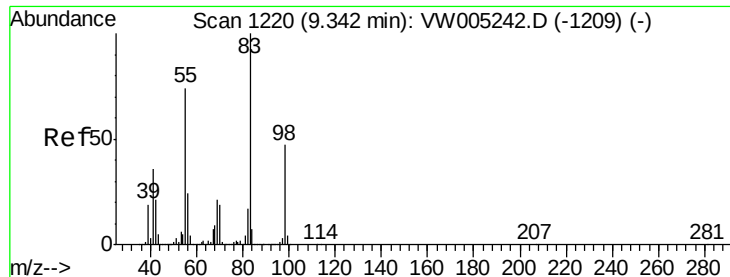
Tgt Ion: 43 Resp: 142675
Ion Ratio Lower Upper
43 100
61 15.3 12.3 18.5
70 11.6 9.5 14.3



#38
Carbon Tetrachloride
Concen: 50.291 ug/l
RT: 8.07 min Scan# 1012
Delta R.T. -0.00 min
Lab File: VW005246.D
Acq: 10 Sep 2018 17:30

Tgt Ion: 117 Resp: 337121
Ion Ratio Lower Upper
117 100
119 92.7 77.5 116.3
121 29.9 24.7 37.1

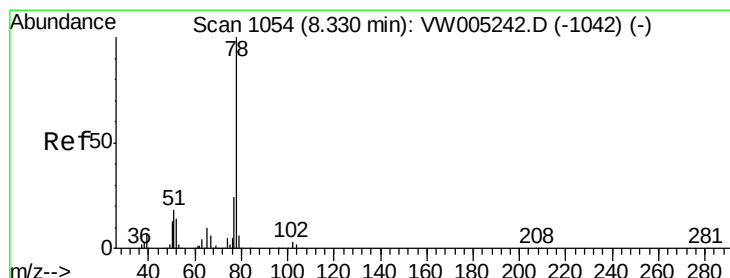
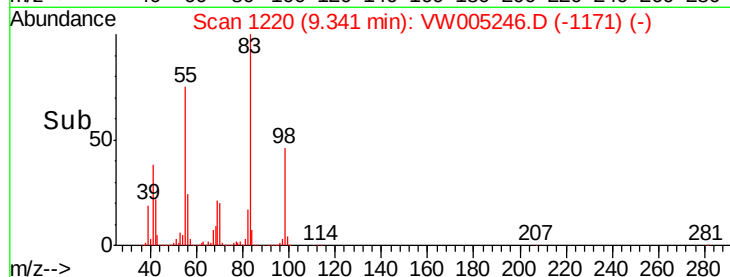
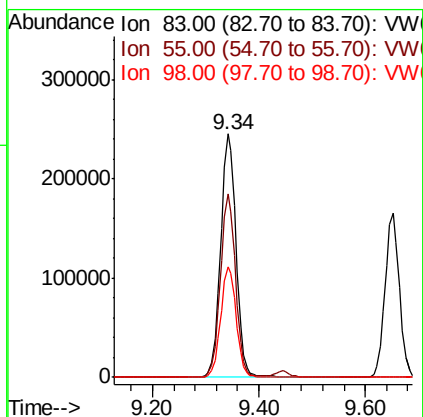
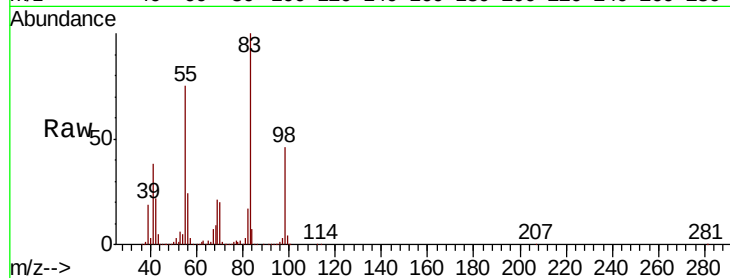




#39
Methylcyclohexane
Concen: 52.555 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. -0.00 min
Lab File: VW005246.D
Acq: 10 Sep 2018 17:30

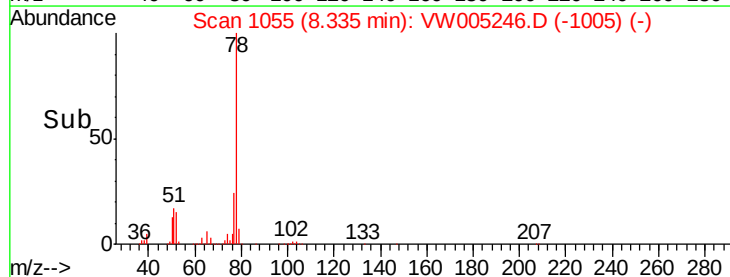
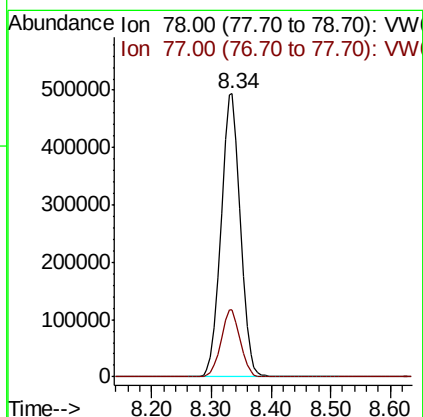
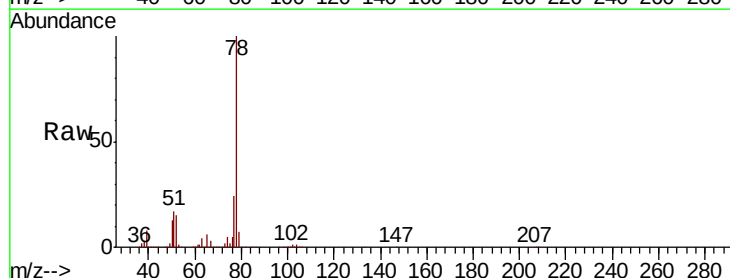
Instrument :
MSVOA_W
ClientSampleId :
ICVW091018

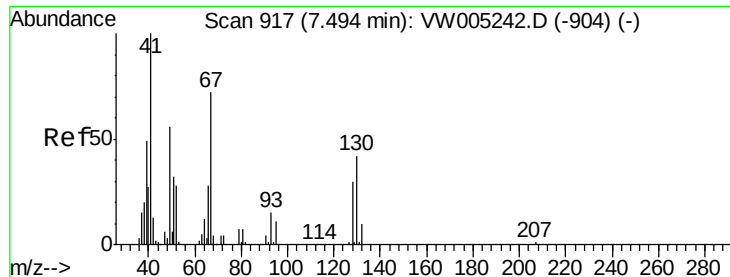
Tgt Ion: 83 Resp: 499333
Ion Ratio Lower Upper
83 100
55 75.1 58.9 88.3
98 45.6 37.6 56.4



#40
Benzene
Concen: 52.706 ug/l
RT: 8.34 min Scan# 1055
Delta R.T. 0.01 min
Lab File: VW005246.D
Acq: 10 Sep 2018 17:30

Tgt Ion: 78 Resp: 1111172
Ion Ratio Lower Upper
78 100
77 23.6 18.9 28.3

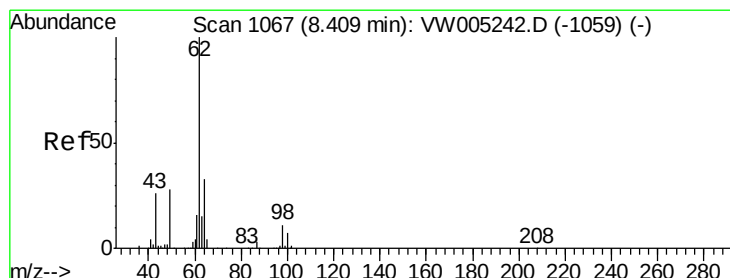
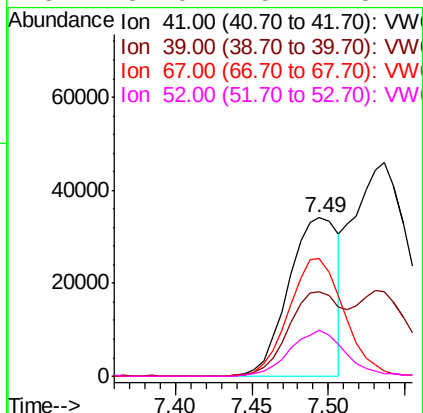
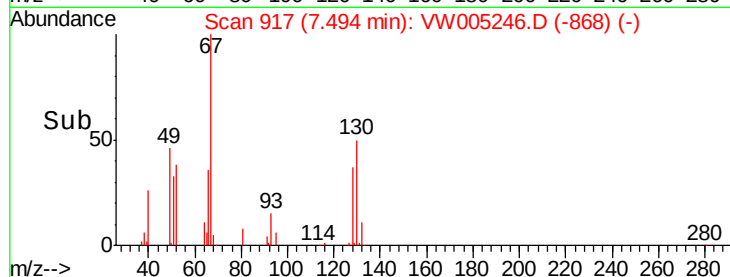
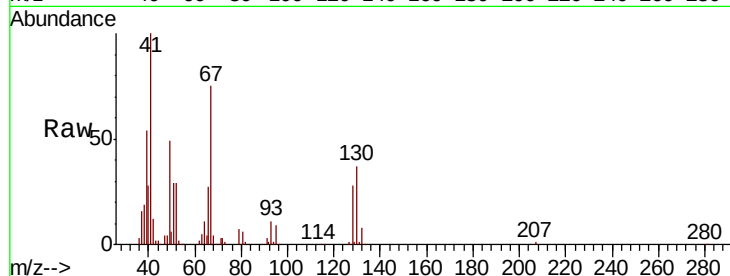




#41
Methacrylonitrile
Concen: 54.915 ug/l
RT: 7.49 min Scan# 917
Delta R.T. -0.00 min
Lab File: VW005246.D
Acq: 10 Sep 2018 17:30

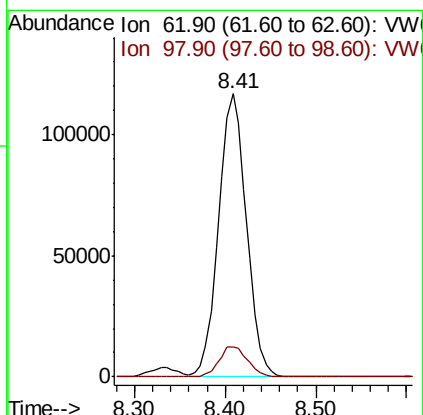
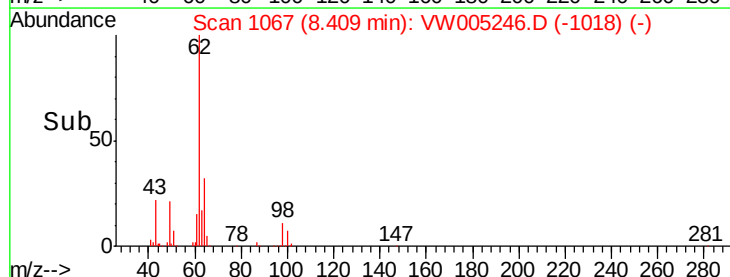
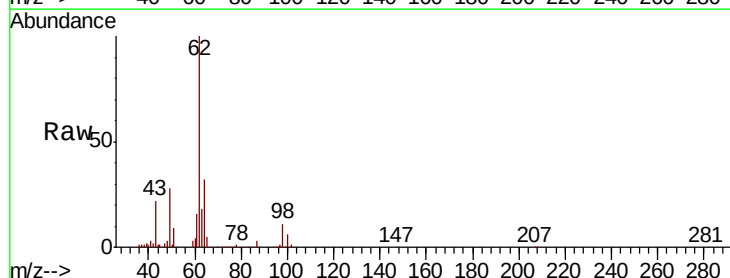
Instrument :
MSVOA_W
ClientSampleId :
ICVW091018

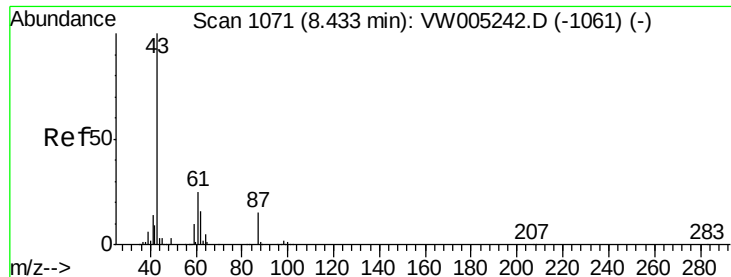
Tgt Ion:	41	Resp:	76686
Ion	Ratio	Lower	Upper
41	100		
39	58.8	39.9	59.9
67	83.9	65.7	98.5
52	32.0	25.1	37.7



#42
1,2-Dichloroethane
Concen: 49.684 ug/l
RT: 8.41 min Scan# 1067
Delta R.T. -0.00 min
Lab File: VW005246.D
Acq: 10 Sep 2018 17:30

Tgt Ion:	62	Resp:	250590
Ion	Ratio	Lower	Upper
62	100		
98	10.9	0.0	22.0





#43

Isopropyl Acetate

Concen: 54.372 ug/l

RT: 8.43 min Scan# 1071

Delta R.T. -0.00 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

Instrument :

MSVOA_W

ClientSampleId :

ICVW091018

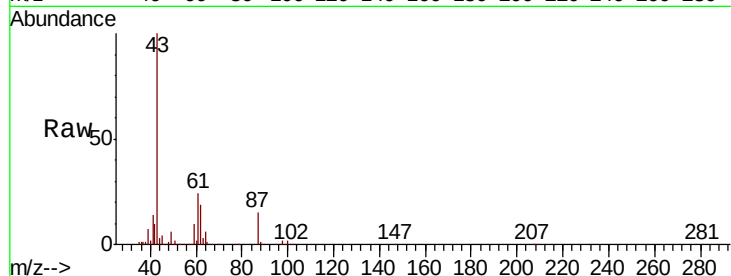
Tgt Ion: 43 Resp: 274827

Ion Ratio Lower Upper

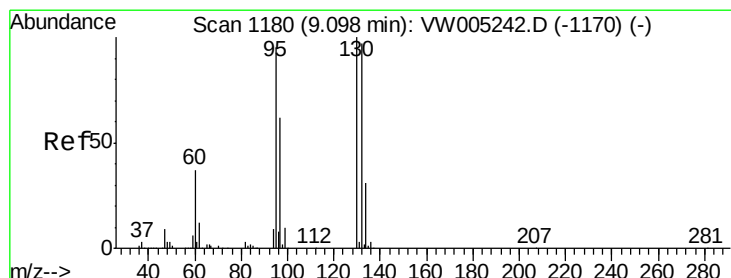
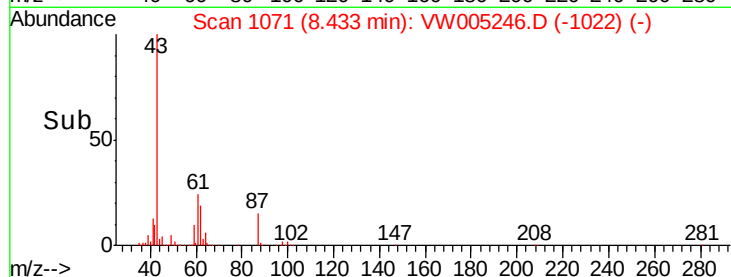
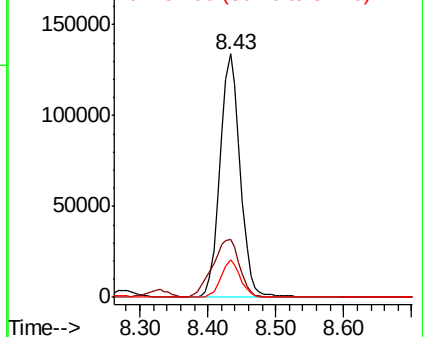
43 100

61 32.0 25.4 38.0

87 14.8 11.9 17.9



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 87.00 (86.70 to 87.70): VW



#44

Trichloroethene

Concen: 50.535 ug/l

RT: 9.10 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VW005246.D

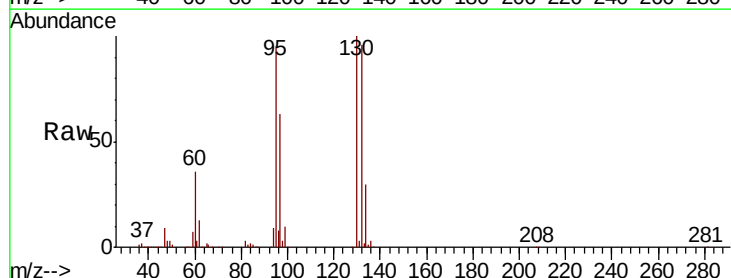
Acq: 10 Sep 2018 17:30

Tgt Ion: 130 Resp: 292279

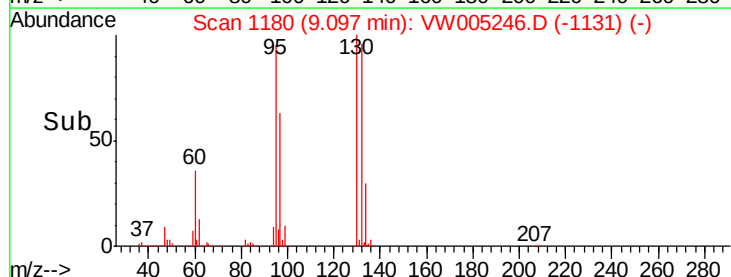
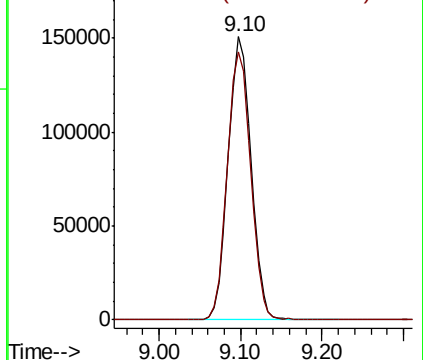
Ion Ratio Lower Upper

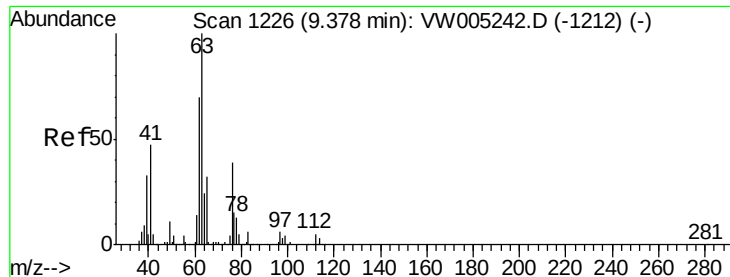
130 100

95 94.6 0.0 189.6



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VW

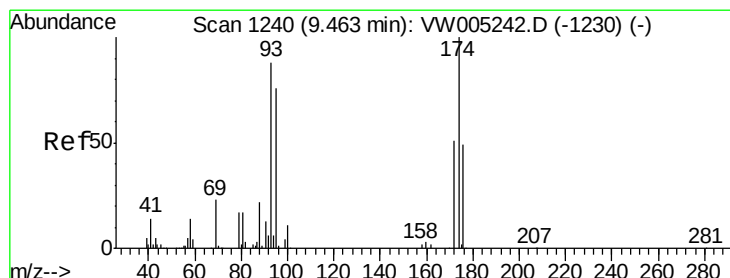
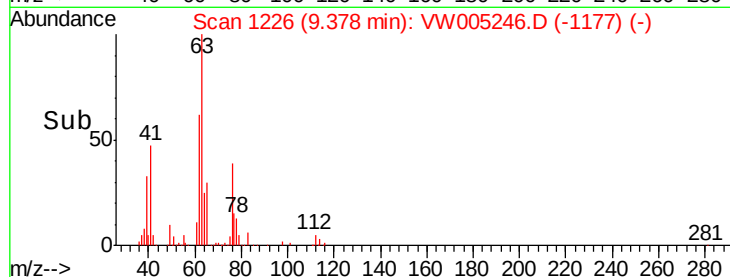
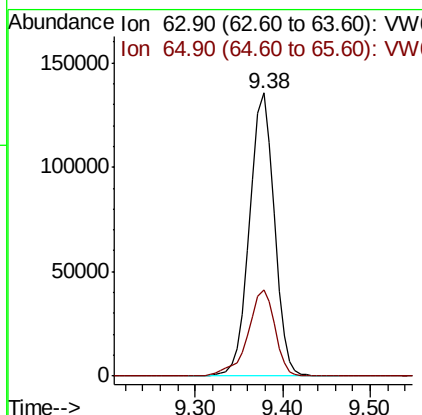
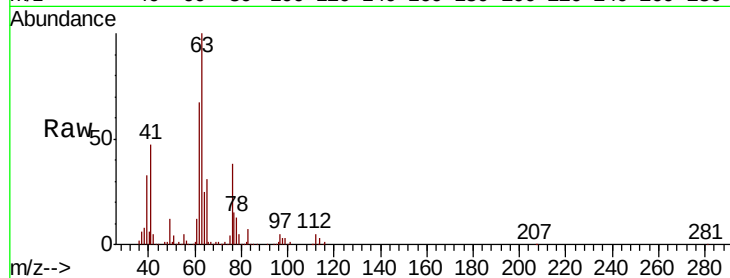




#45
 1,2-Dichloropropane
 Concen: 52.788 ug/l
 RT: 9.38 min Scan# 1226
 Delta R.T. -0.00 min
 Lab File: VW005246.D
 Acq: 10 Sep 2018 17:30

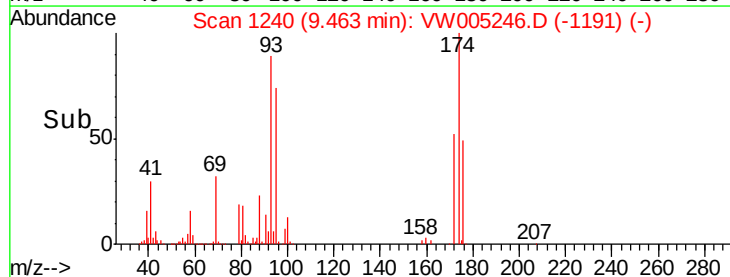
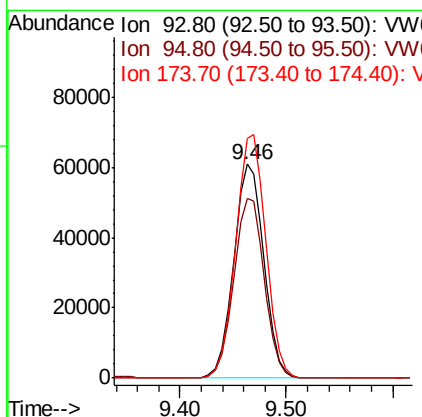
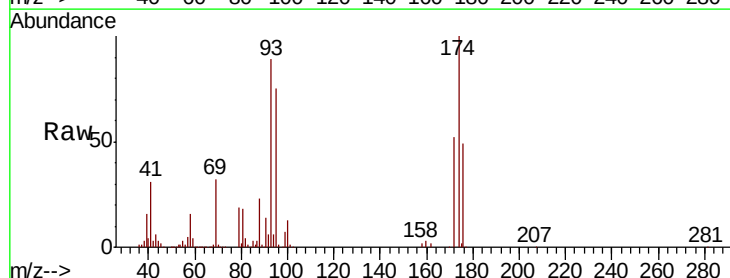
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW091018

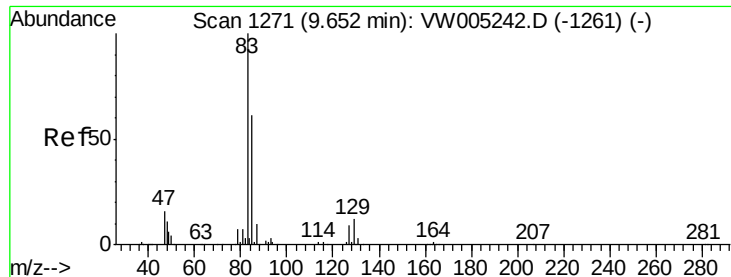
Tgt Ion: 63 Resp: 267500
 Ion Ratio Lower Upper
 63 100
 65 30.6 25.4 38.2



#46
 Dibromomethane
 Concen: 48.691 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VW005246.D
 Acq: 10 Sep 2018 17:30

Tgt Ion: 93 Resp: 120775
 Ion Ratio Lower Upper
 93 100
 95 85.3 67.0 100.4
 174 114.5 92.2 138.2





#47

Bromodichloromethane

Concen: 51.122 ug/l

RT: 9.65 min Scan# 1271

Delta R.T. -0.00 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

Instrument :

MSVOA_W

ClientSampleId :

ICVW091018

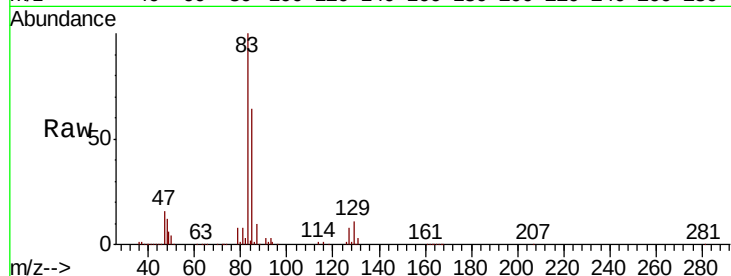
Tgt Ion: 83 Resp: 310201

Ion Ratio Lower Upper

83 100

85 64.3 49.0 73.6

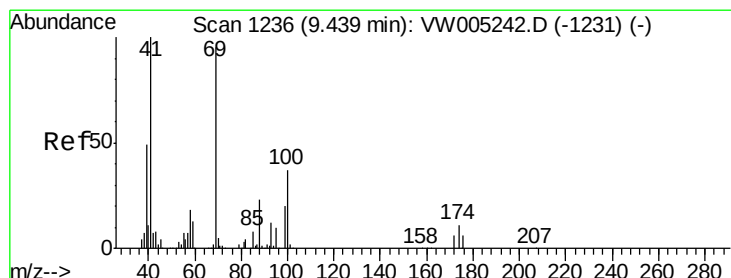
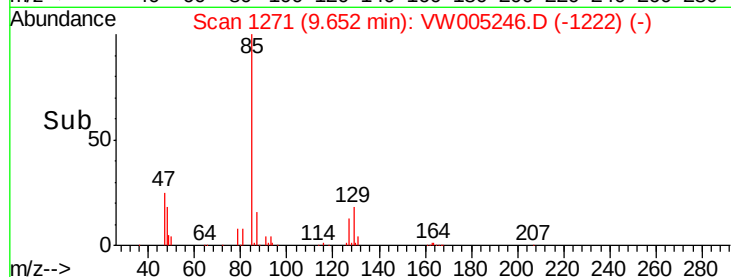
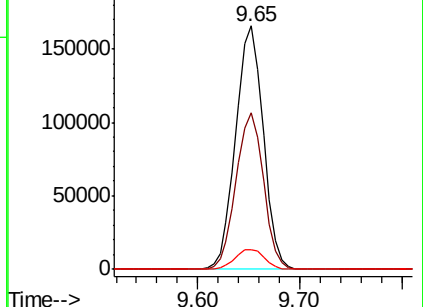
127 8.3 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 52.462 ug/l

RT: 9.44 min Scan# 1237

Delta R.T. 0.01 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

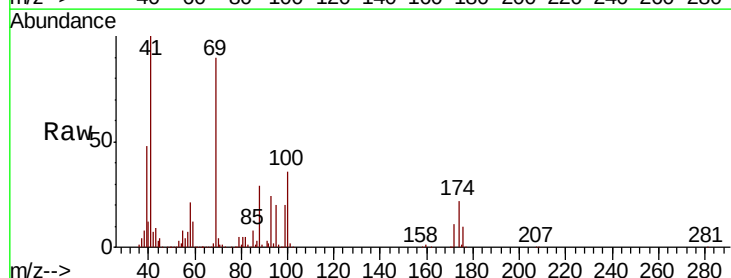
Tgt Ion: 41 Resp: 137688

Ion Ratio Lower Upper

41 100

69 99.0 74.6 112.0

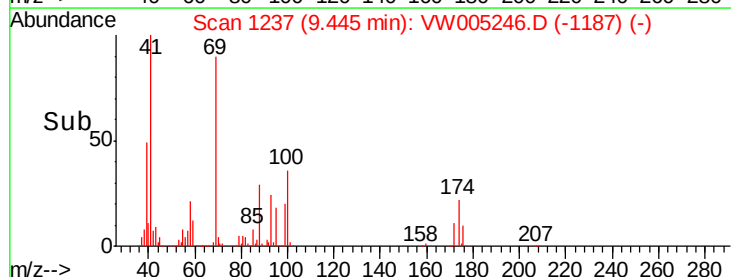
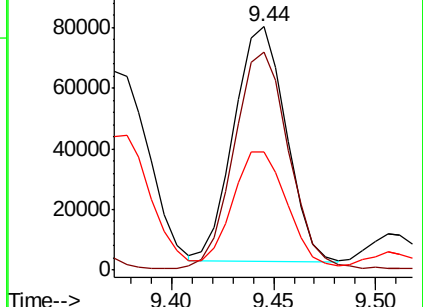
39 50.0 36.7 55.1

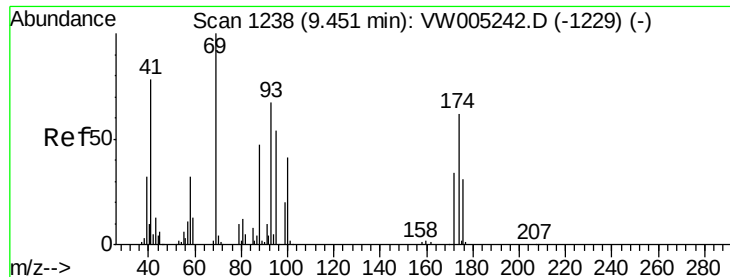


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 69.00 (68.70 to 69.70): VW

Ion 39.00 (38.70 to 39.70): VW





#49

1,4-Dioxane

Concen: 1108.889 ug/l

RT: 9.45 min Scan# 1238

Delta R.T. -0.00 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

Instrument :

MSVOA_W

ClientSampleId :

ICVW091018

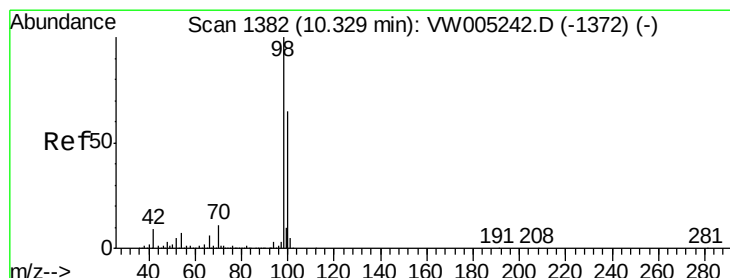
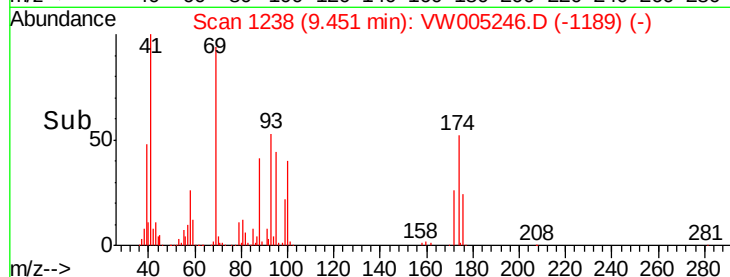
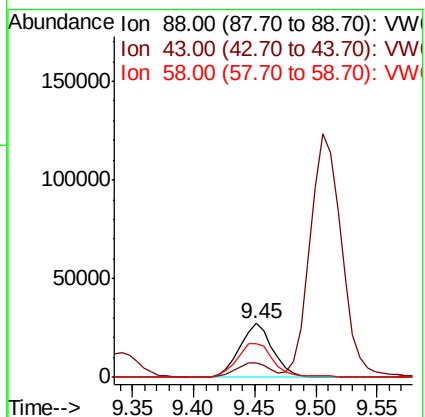
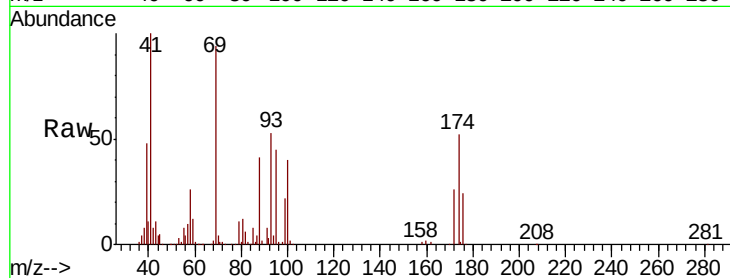
Tgt Ion: 88 Resp: 51354

Ion Ratio Lower Upper

88 100

43 27.6 22.7 34.1

58 68.3 56.6 85.0



#50

Toluene-d8

Concen: 50.214 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. -0.00 min

Lab File: VW005246.D

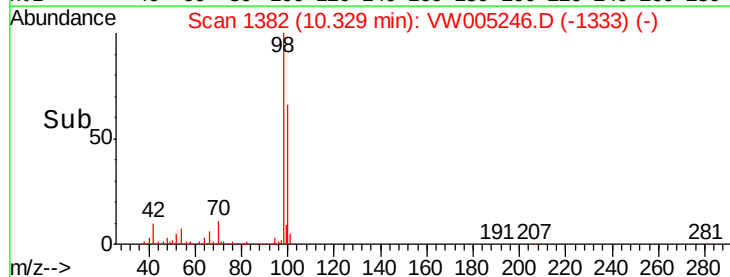
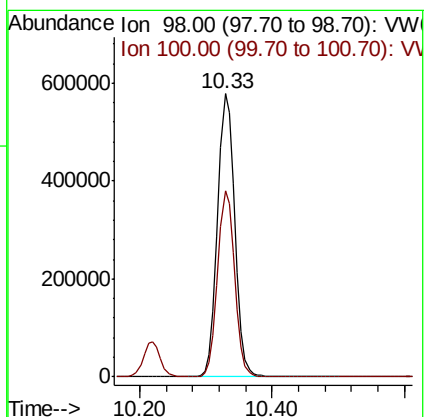
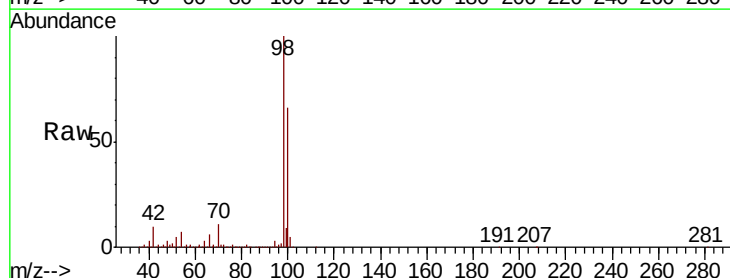
Acq: 10 Sep 2018 17:30

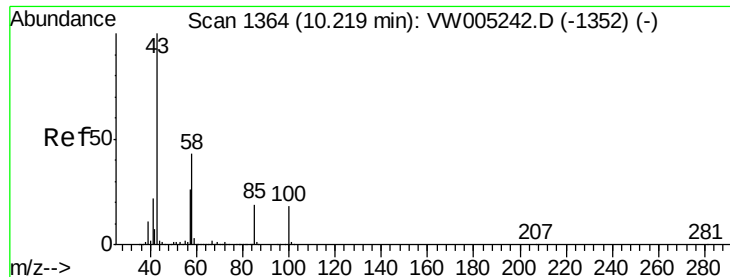
Tgt Ion: 98 Resp: 1038196

Ion Ratio Lower Upper

98 100

100 65.2 52.0 78.0

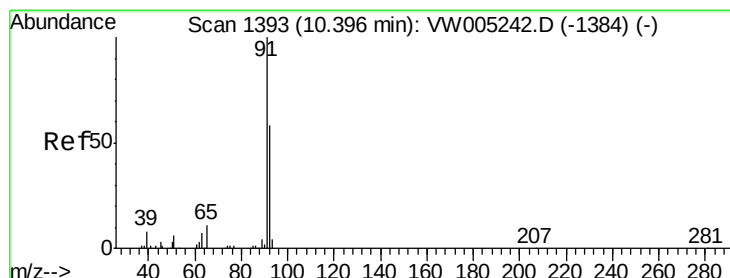
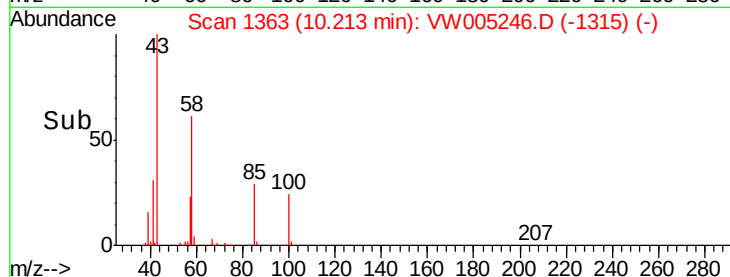
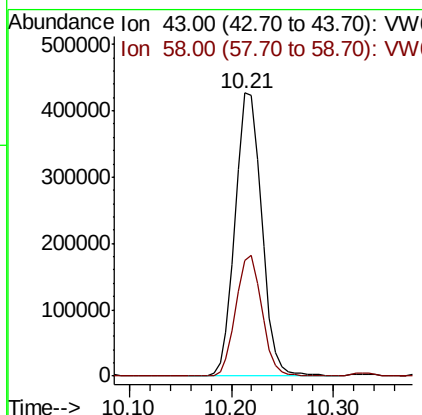
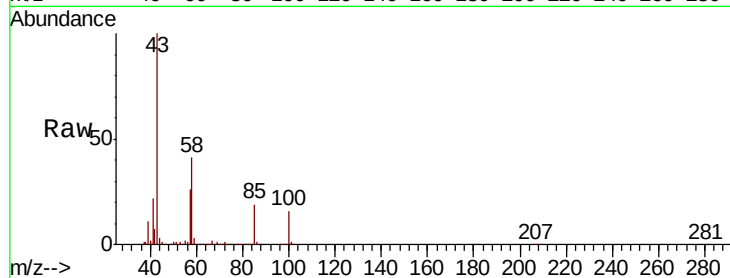




#51
 4-Methyl-2-Pentanone
 Concen: 270.667 ug/l
 RT: 10.21 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: VW005246.D
 Acq: 10 Sep 2018 17:30

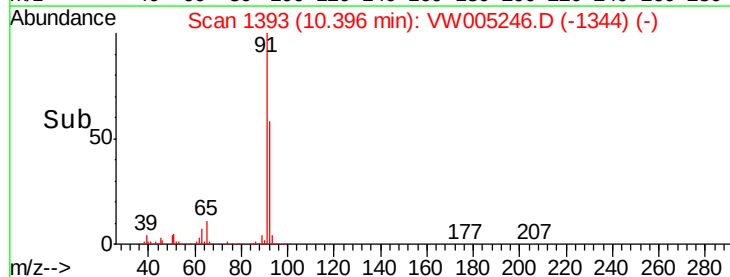
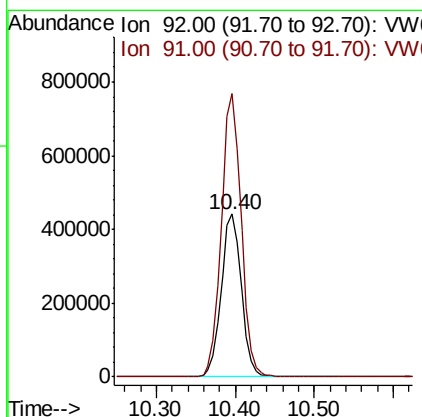
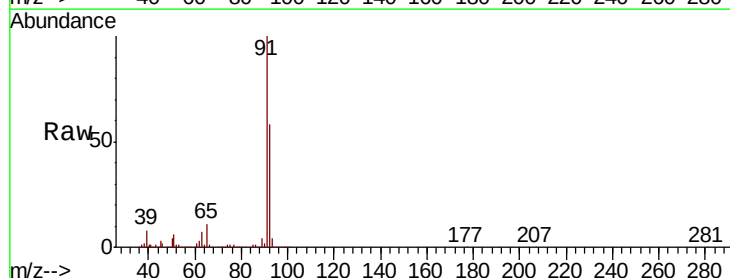
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW091018

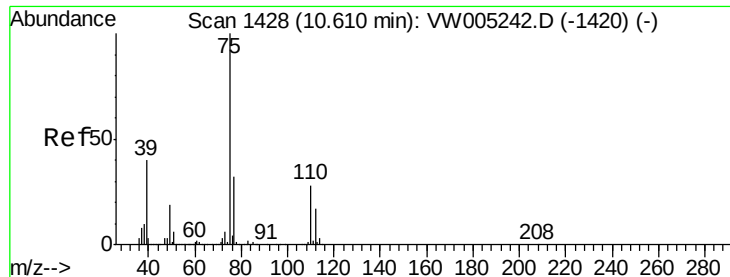
Tgt Ion: 43 Resp: 769897
 Ion Ratio Lower Upper
 43 100
 58 42.0 33.8 50.6



#52
 Toluene
 Concen: 50.832 ug/l
 RT: 10.40 min Scan# 1393
 Delta R.T. -0.00 min
 Lab File: VW005246.D
 Acq: 10 Sep 2018 17:30

Tgt Ion: 92 Resp: 778879
 Ion Ratio Lower Upper
 92 100
 91 172.5 137.4 206.0





#53

t-1,3-Dichloropropene

Concen: 52.061 ug/l

RT: 10.61 min Scan# 1428

Delta R.T. -0.00 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

Instrument :

MSVOA_W

ClientSampleId :

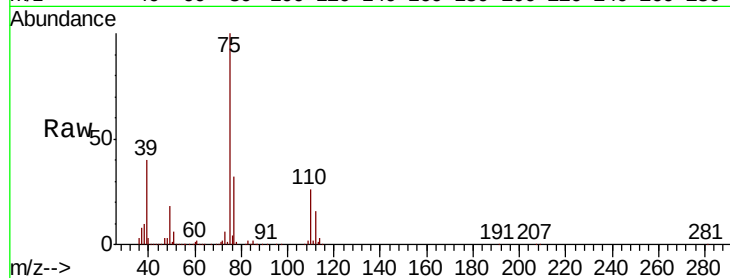
ICVW091018

Tgt Ion: 75 Resp: 341392

Ion Ratio Lower Upper

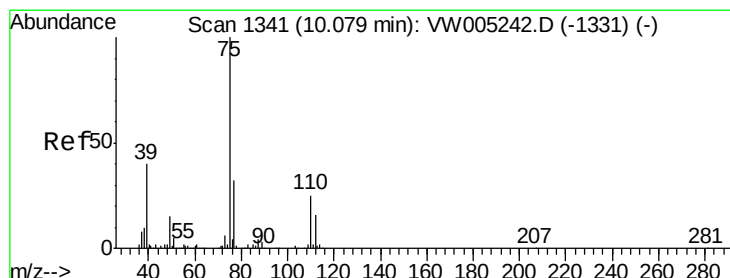
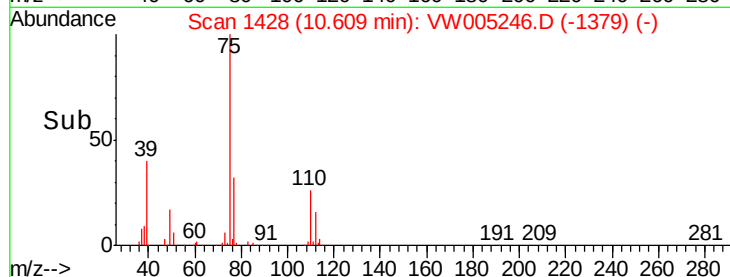
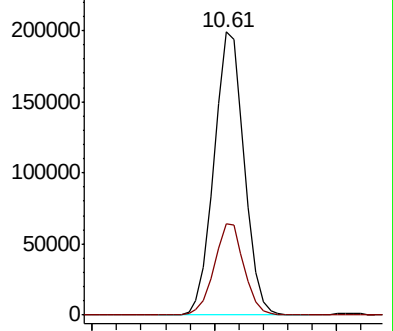
75 100

77 32.0 25.8 38.8



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW



#54

cis-1,3-Dichloropropene

Concen: 52.034 ug/l

RT: 10.08 min Scan# 1341

Delta R.T. -0.00 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

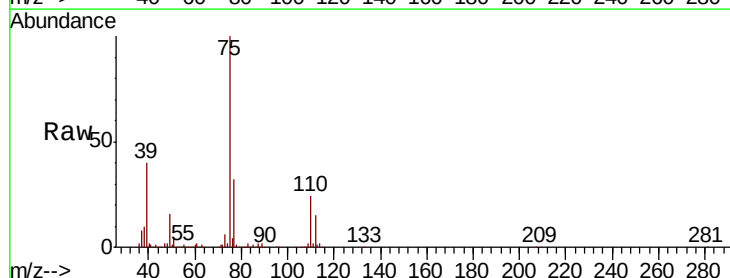
Tgt Ion: 75 Resp: 408618

Ion Ratio Lower Upper

75 100

77 32.4 25.5 38.3

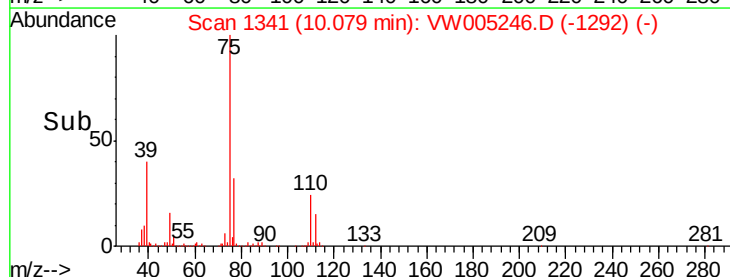
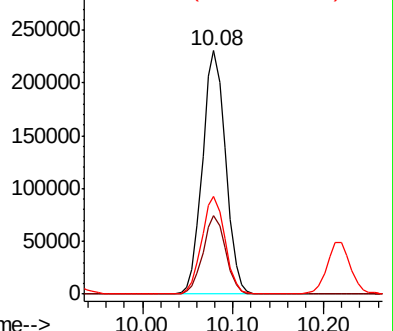
39 40.1 31.8 47.6

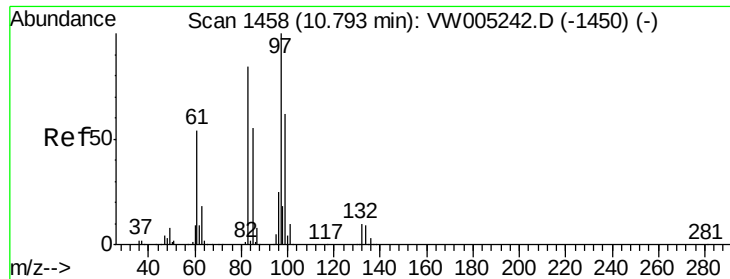


Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 76.90 (76.60 to 77.60): VW

Ion 39.00 (38.70 to 39.70): VW





#55

1,1,2-Trichloroethane

Concen: 49.433 ug/l

RT: 10.79 min Scan# 1458

Delta R.T. -0.00 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

Instrument :

MSVOA_W

ClientSampleId :

ICVW091018

Tgt Ion: 97 Resp: 195506

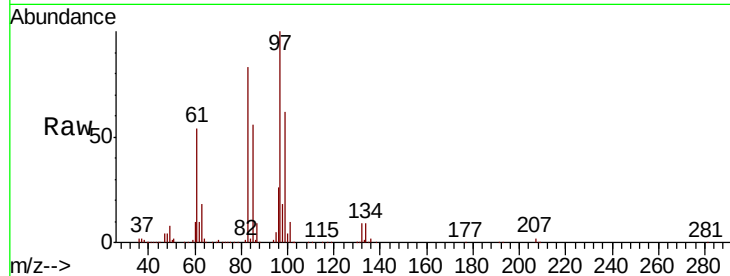
Ion Ratio Lower Upper

97 100

83 83.1 67.2 100.8

85 55.8 44.4 66.6

99 62.4 49.2 73.8

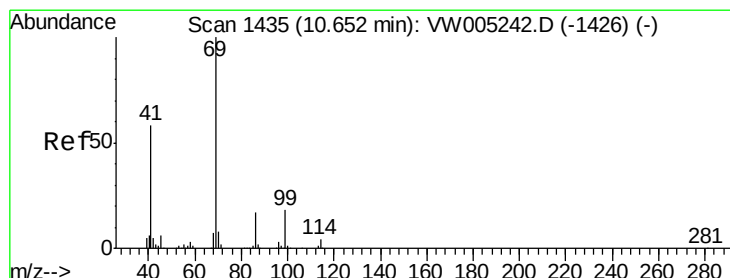
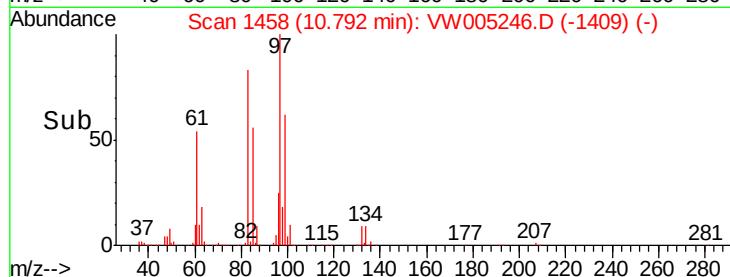
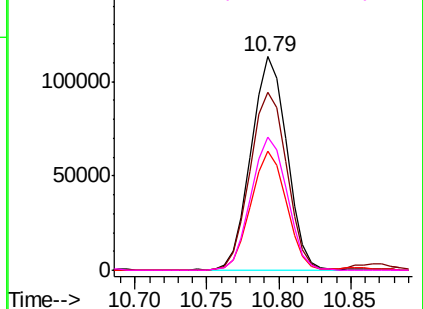


Abundance Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56

Ethyl methacrylate

Concen: 54.141 ug/l

RT: 10.65 min Scan# 1435

Delta R.T. -0.00 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

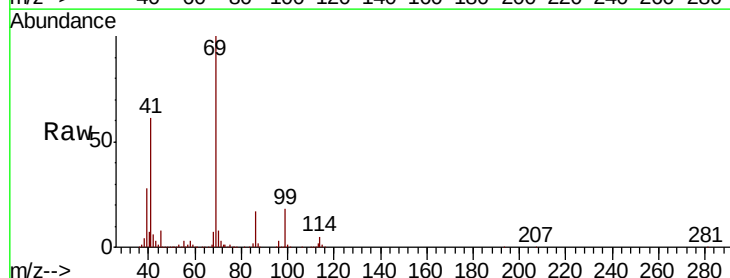
Tgt Ion: 69 Resp: 271464

Ion Ratio Lower Upper

69 100

41 59.9 48.7 73.1

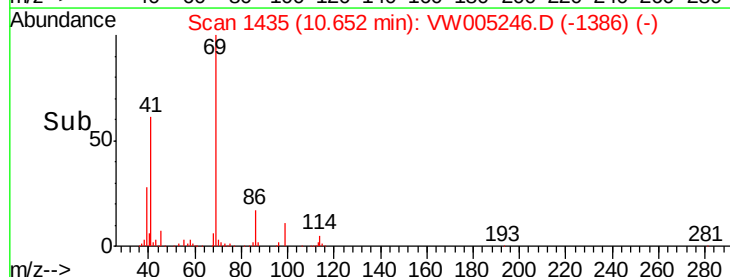
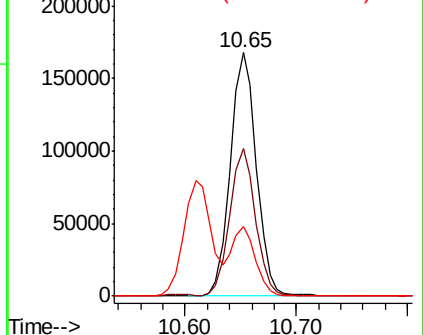
39 26.8 20.9 31.3

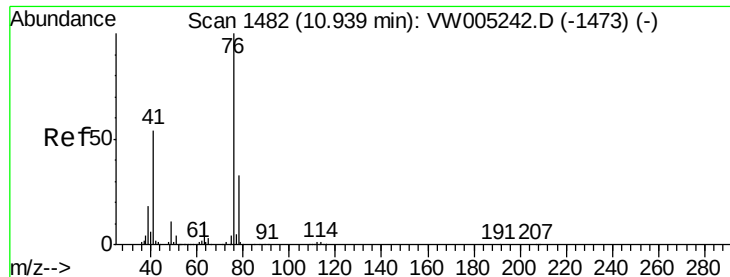


Abundance Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 51.292 ug/l

RT: 10.94 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

Instrument :

MSVOA_W

ClientSampleId :

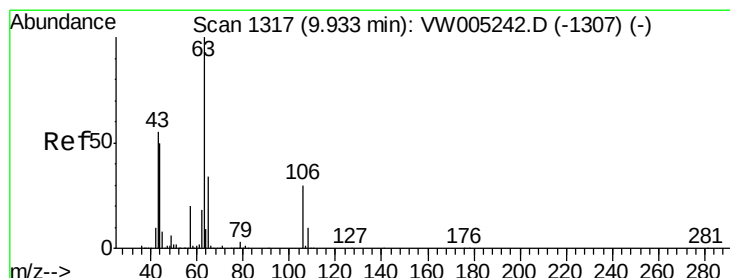
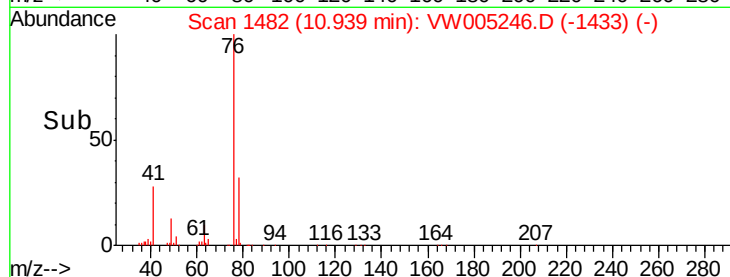
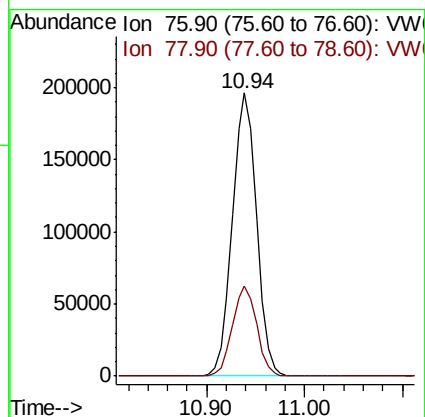
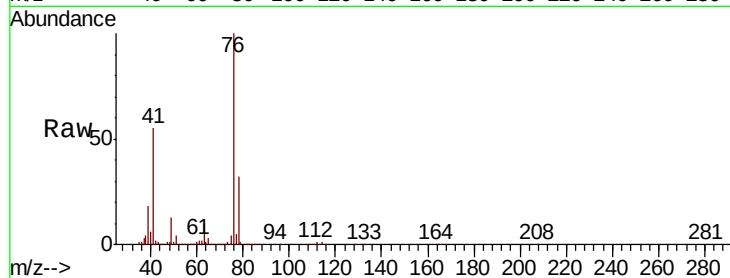
ICVW091018

Tgt Ion: 76 Resp: 336851

Ion Ratio Lower Upper

76 100

78 32.0 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 276.164 ug/l

RT: 9.93 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VW005246.D

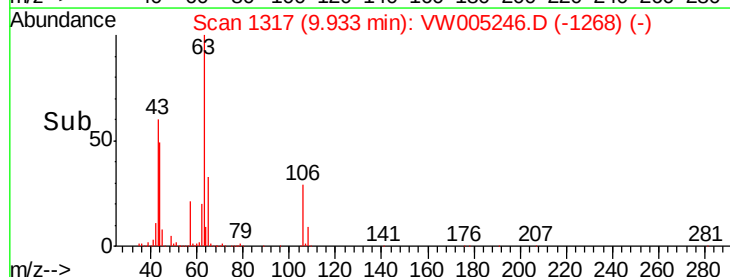
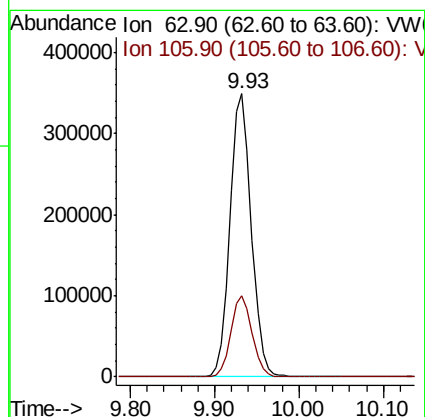
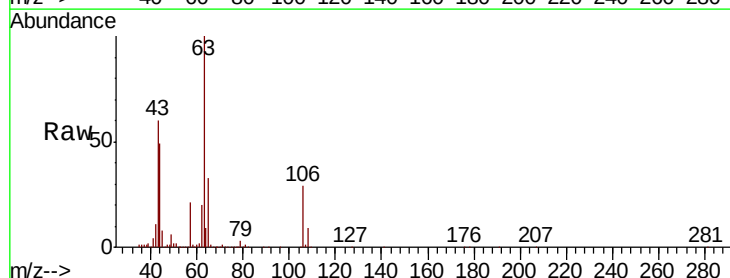
Acq: 10 Sep 2018 17:30

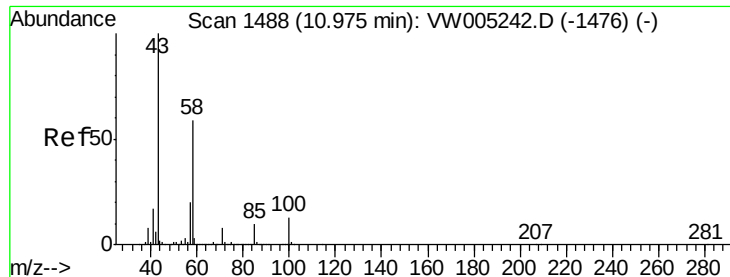
Tgt Ion: 63 Resp: 601839

Ion Ratio Lower Upper

63 100

106 28.5 23.4 35.0

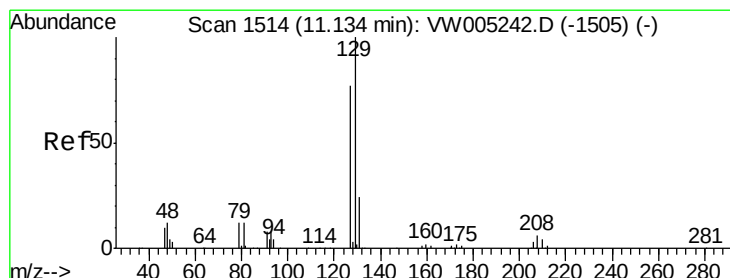
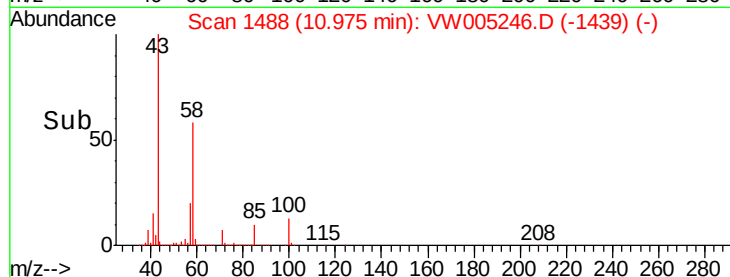
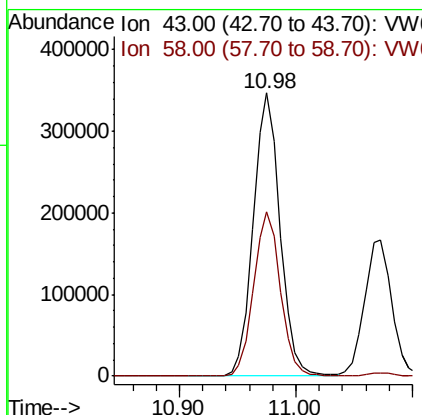
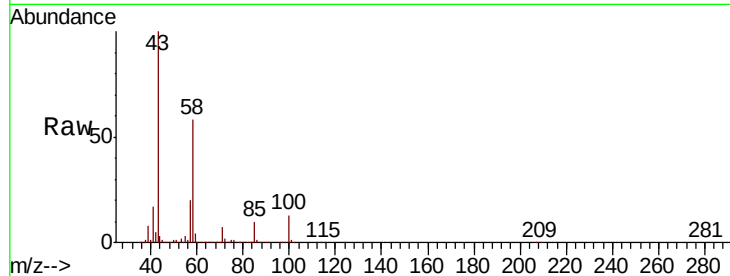




#59
2-Hexanone
Concen: 271.504 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VW005246.D
Acq: 10 Sep 2018 17:30

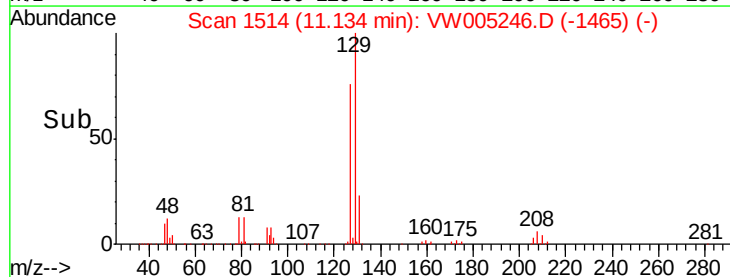
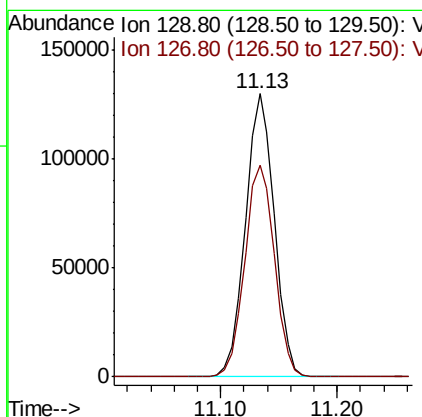
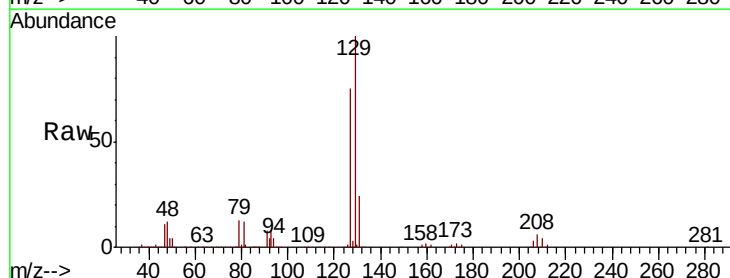
Instrument :
MSVOA_W
ClientSampleId :
ICVW091018

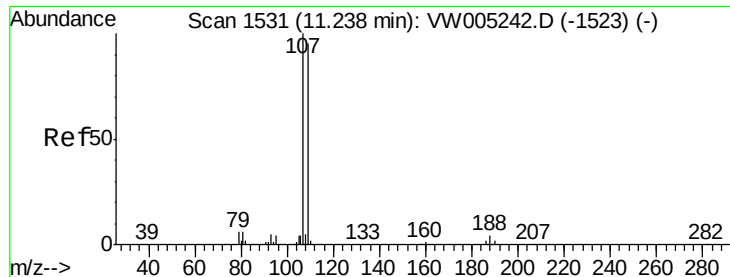
Tgt Ion: 43 Resp: 556753
Ion Ratio Lower Upper
43 100
58 58.1 29.3 87.9



#60
Dibromochloromethane
Concen: 51.225 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. -0.00 min
Lab File: VW005246.D
Acq: 10 Sep 2018 17:30

Tgt Ion: 129 Resp: 224800
Ion Ratio Lower Upper
129 100
127 77.1 39.0 117.0

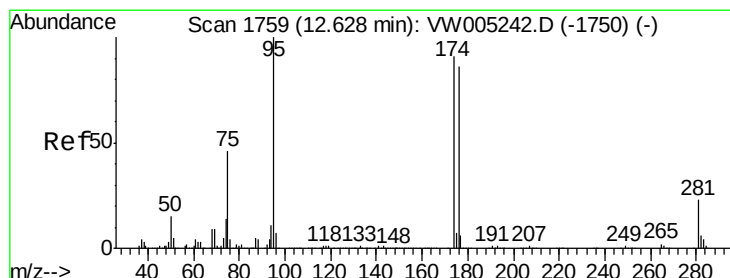
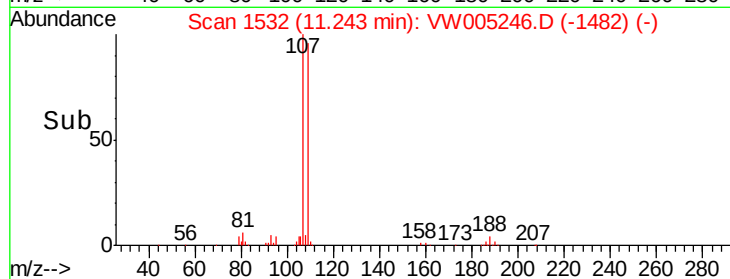
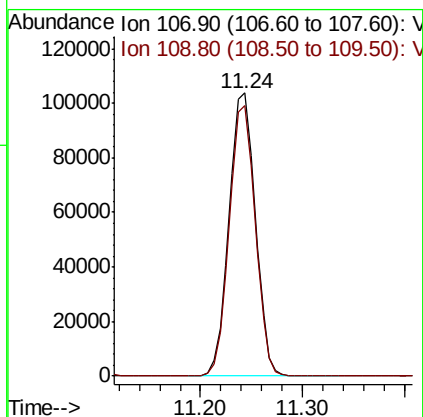
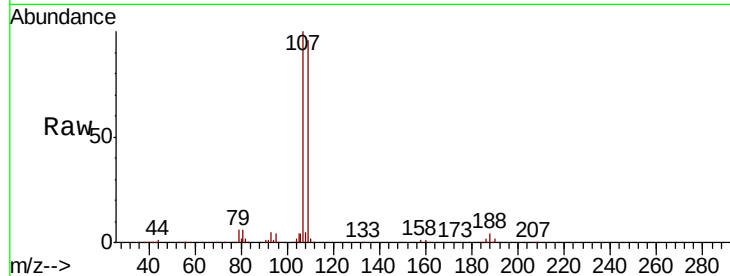




#61
 1,2-Dibromoethane
 Concen: 50.821 ug/l
 RT: 11.24 min Scan# 1532
 Delta R.T. 0.01 min
 Lab File: VW005246.D
 Acq: 10 Sep 2018 17:30

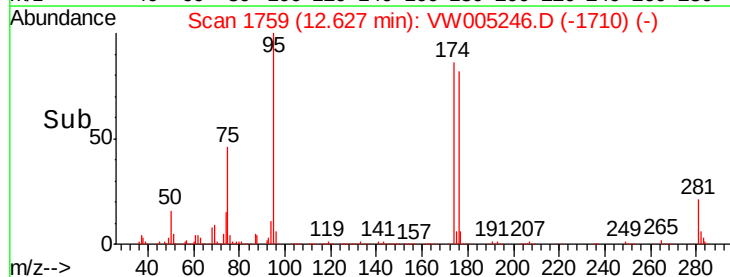
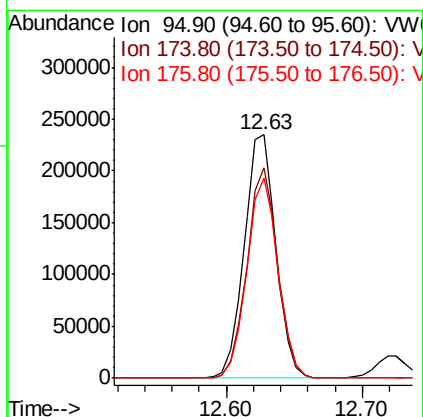
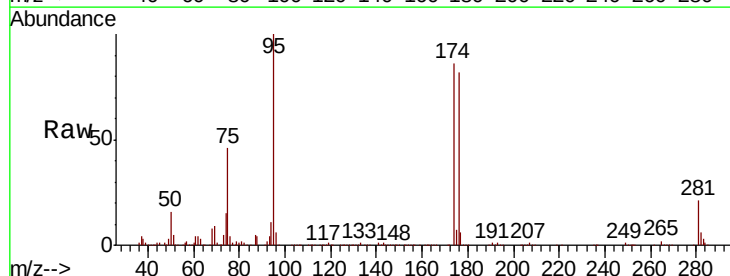
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW091018

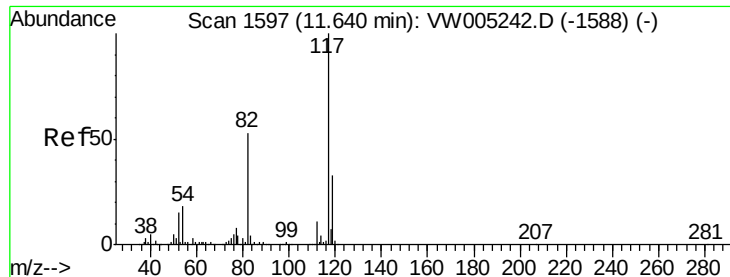
Tgt Ion: 107 Resp: 184321
 Ion Ratio Lower Upper
 107 100
 109 94.5 75.7 113.5



#62
 4-Bromofluorobenzene
 Concen: 50.280 ug/l
 RT: 12.63 min Scan# 1759
 Delta R.T. -0.00 min
 Lab File: VW005246.D
 Acq: 10 Sep 2018 17:30

Tgt Ion: 95 Resp: 380245
 Ion Ratio Lower Upper
 95 100
 174 84.4 0.0 174.6
 176 81.2 0.0 167.6

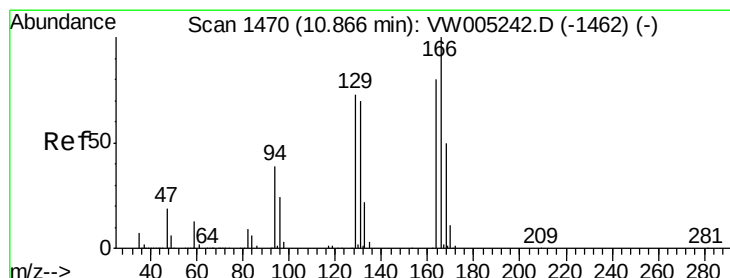
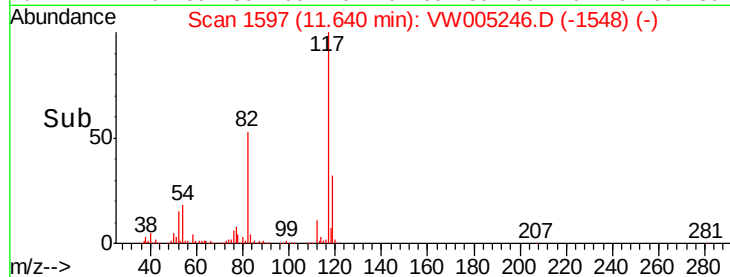
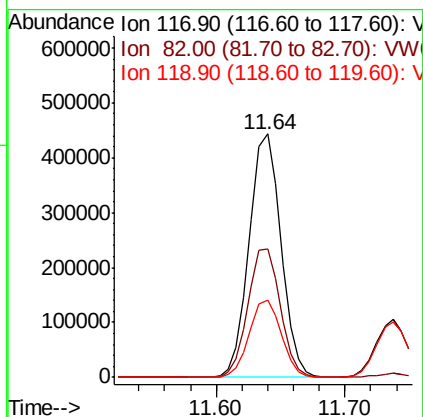
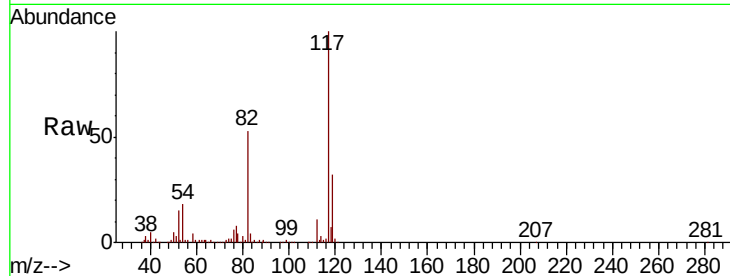




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005246.D
Acq: 10 Sep 2018 17:30

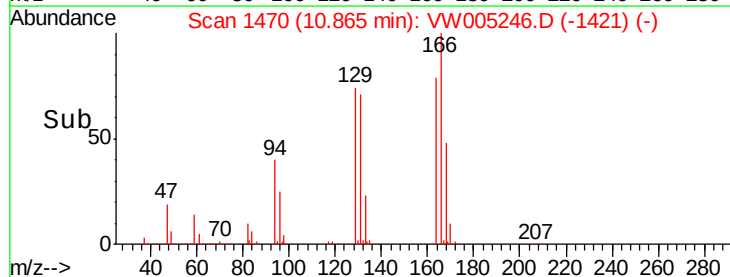
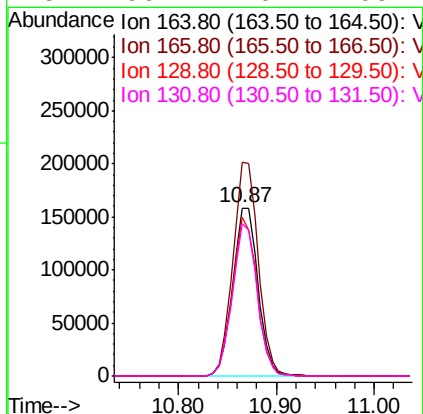
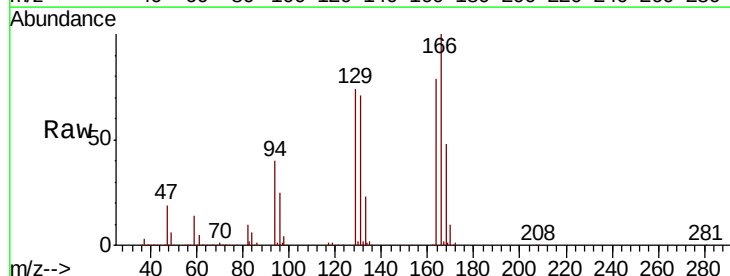
Instrument :
MSVOA_W
ClientSampleId :
ICVW091018

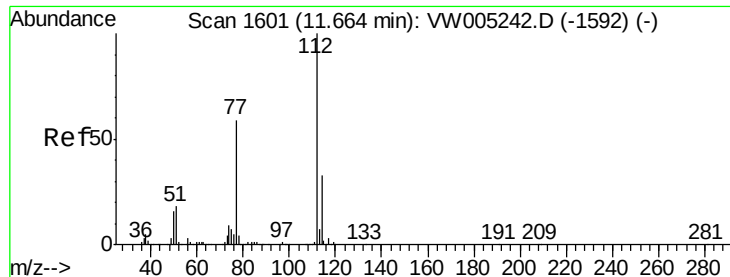
Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.0	42.6	63.8
119	31.7	26.2	39.4



#64
Tetrachloroethene
Concen: 50.855 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW005246.D
Acq: 10 Sep 2018 17:30

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.9	100.2	150.2
129	93.9	73.2	109.8
131	90.2	70.2	105.4

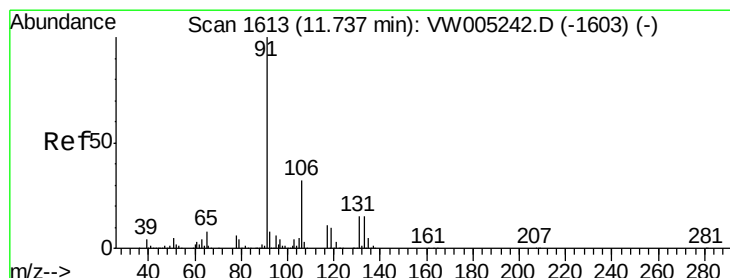
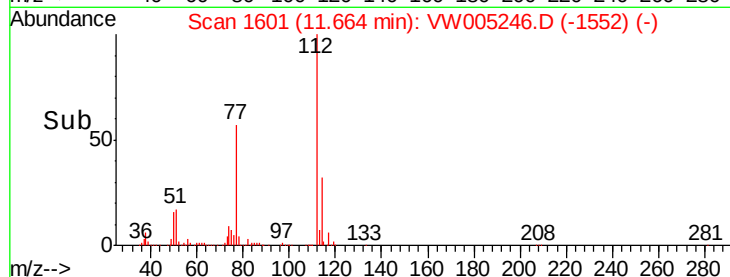
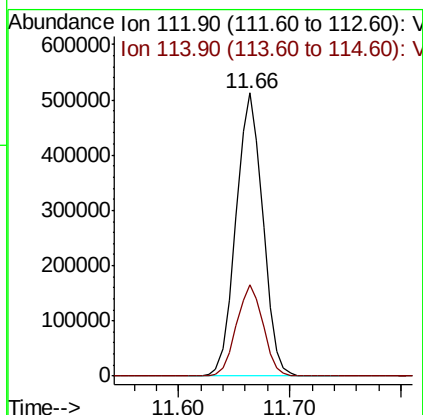
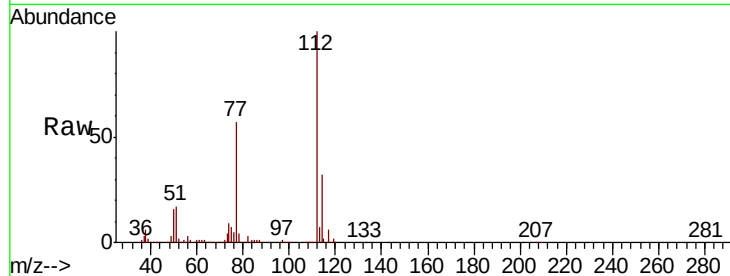




#65
Chlorobenzene
Concen: 51.594 ug/l
RT: 11.66 min Scan# 1601
Delta R.T. -0.00 min
Lab File: VW005246.D
Acq: 10 Sep 2018 17:30

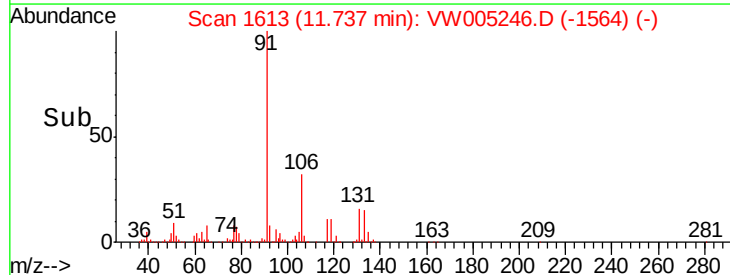
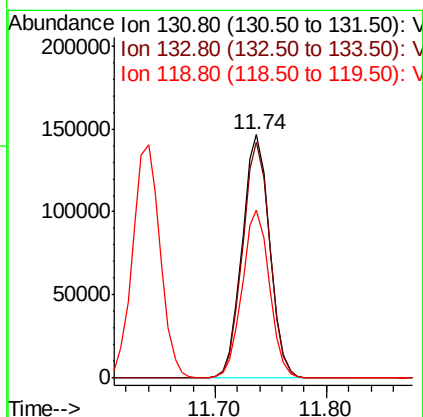
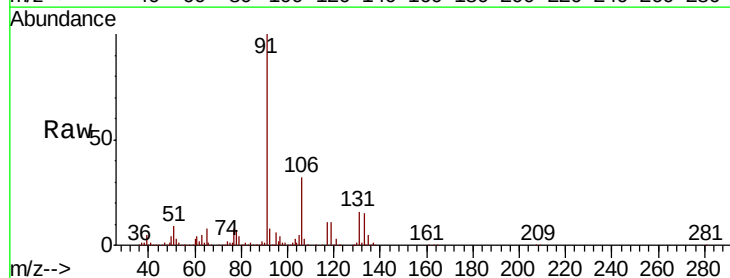
Instrument :
MSVOA_W
ClientSampleId :
ICVW091018

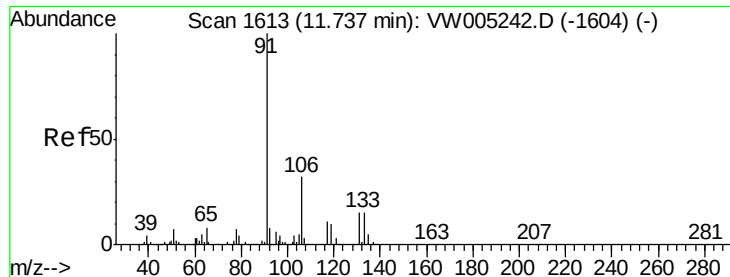
Tgt Ion:112 Resp: 853798
Ion Ratio Lower Upper
112 100
114 32.4 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 50.891 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. -0.00 min
Lab File: VW005246.D
Acq: 10 Sep 2018 17:30

Tgt Ion:131 Resp: 251453
Ion Ratio Lower Upper
131 100
133 96.5 48.1 144.3
119 68.3 33.4 100.1

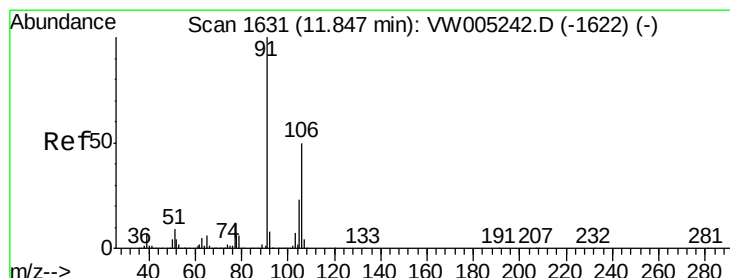
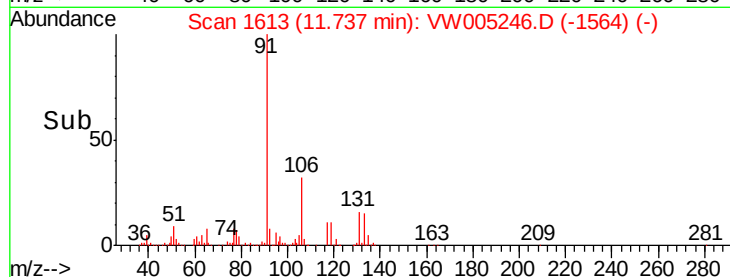
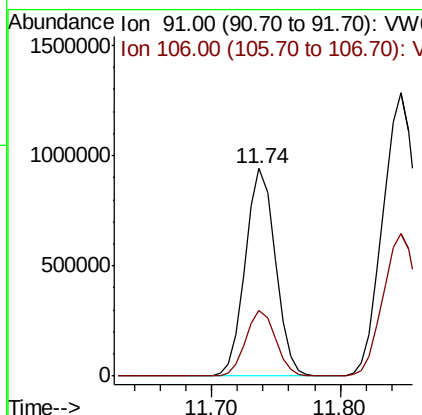
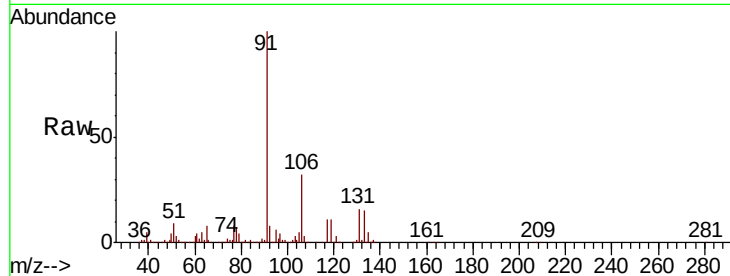




#67
 Ethyl Benzene
 Concen: 52.643 ug/l
 RT: 11.74 min Scan# 1613
 Delta R.T. -0.00 min
 Lab File: VW005246.D
 Acq: 10 Sep 2018 17:30

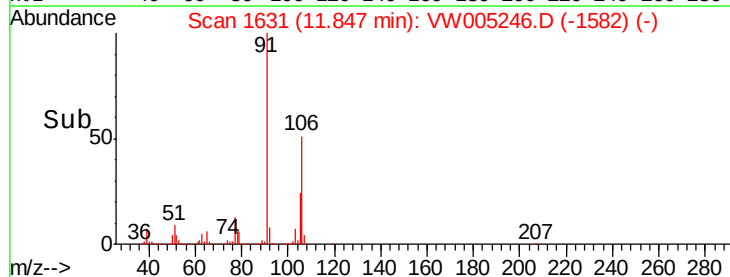
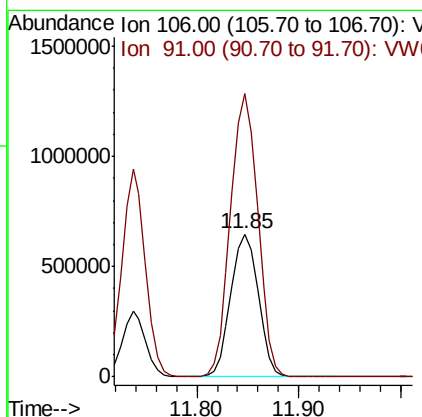
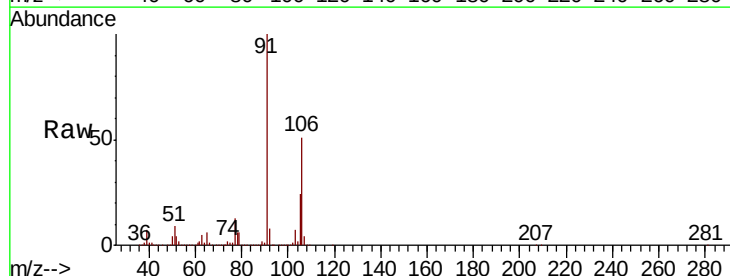
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW091018

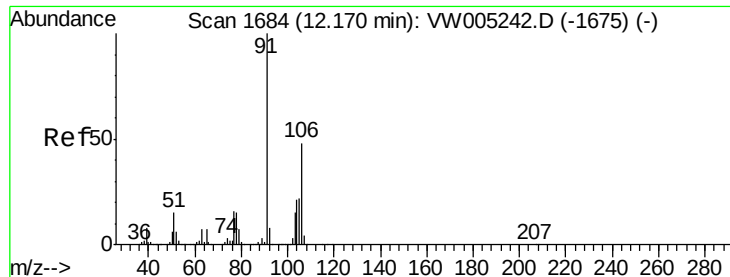
Tgt Ion: 91 Resp: 1517107
 Ion Ratio Lower Upper
 91 100
 106 31.8 25.6 38.4



#68
 m/p-Xylenes
 Concen: 104.361 ug/l
 RT: 11.85 min Scan# 1631
 Delta R.T. -0.00 min
 Lab File: VW005246.D
 Acq: 10 Sep 2018 17:30

Tgt Ion: 106 Resp: 1211978
 Ion Ratio Lower Upper
 106 100
 91 197.5 160.2 240.2

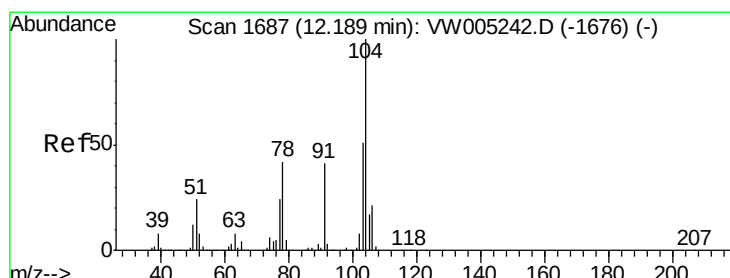
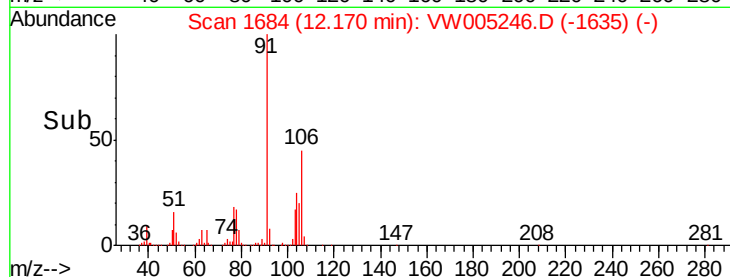
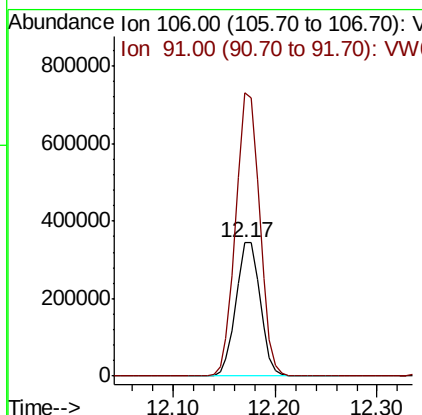
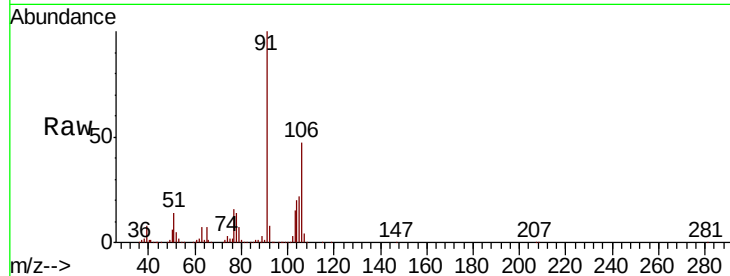




#69
o-Xylene
Concen: 52.399 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW005246.D
Acq: 10 Sep 2018 17:30

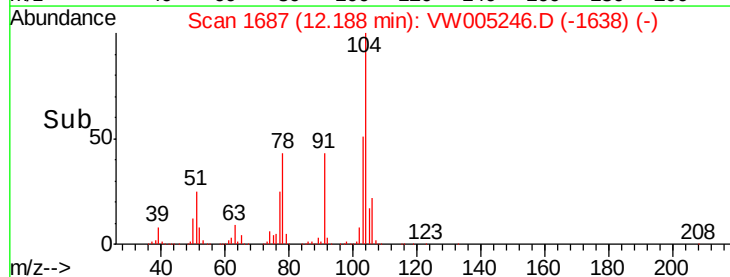
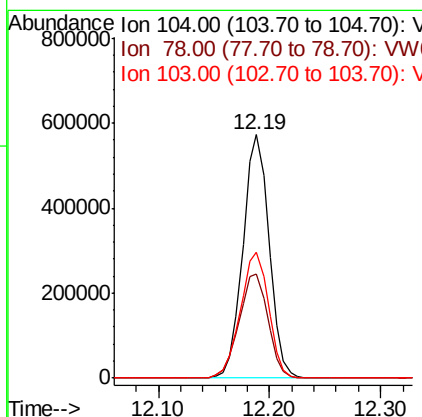
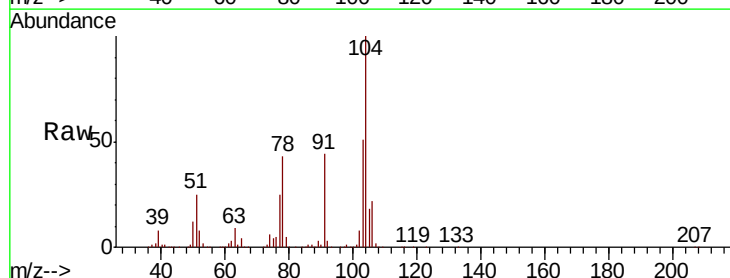
Instrument :
MSVOA_W
ClientSampleId :
ICVW091018

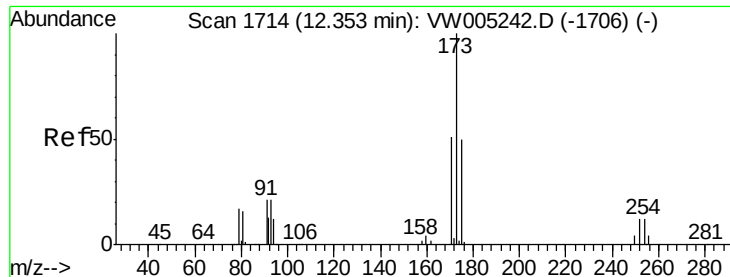
Tgt Ion:106 Resp: 566155
Ion Ratio Lower Upper
106 100
91 209.2 104.1 312.3



#70
Styrene
Concen: 53.083 ug/l
RT: 12.19 min Scan# 1687
Delta R.T. -0.00 min
Lab File: VW005246.D
Acq: 10 Sep 2018 17:30

Tgt Ion:104 Resp: 935880
Ion Ratio Lower Upper
104 100
78 47.5 37.4 56.2
103 55.6 44.1 66.1





#71

Bromoform

Concen: 52.130 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

Instrument :

MSVOA_W

ClientSampleId :

ICVW091018

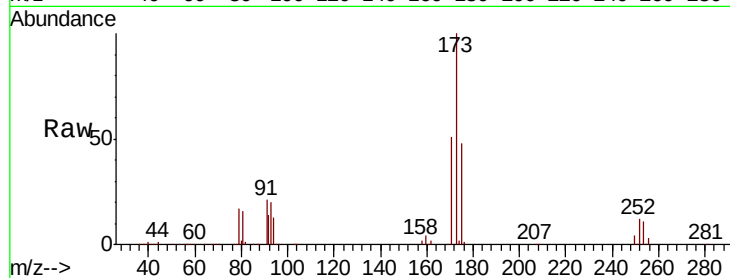
Tgt Ion:173 Resp: 139657

Ion Ratio Lower Upper

173 100

175 48.5 24.9 74.6

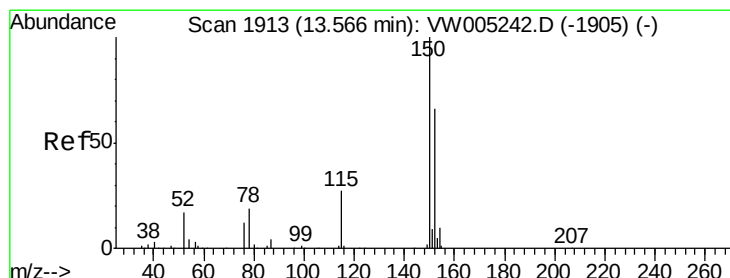
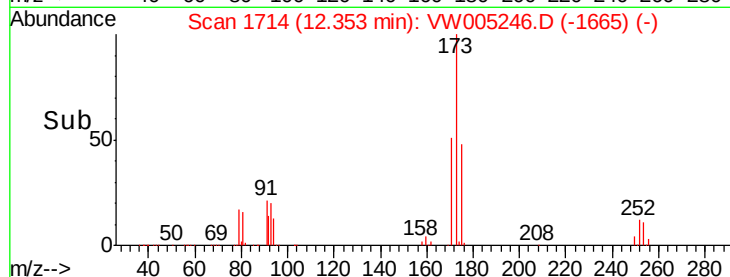
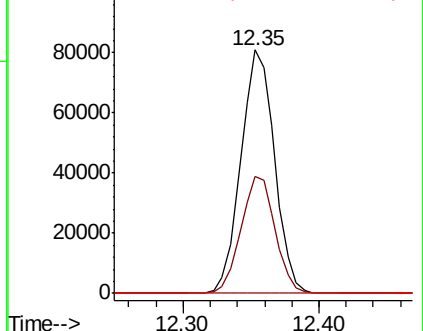
254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.57 min Scan# 1913

Delta R.T. -0.00 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

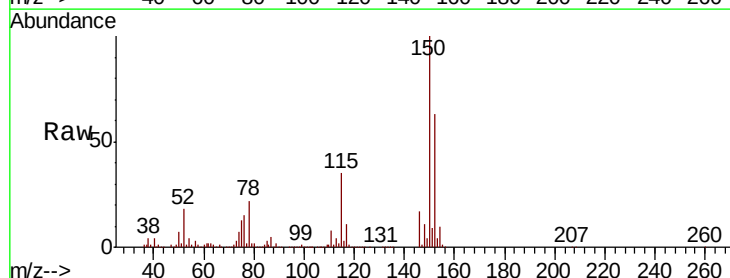
Tgt Ion:152 Resp: 405205

Ion Ratio Lower Upper

152 100

115 55.5 27.5 82.4

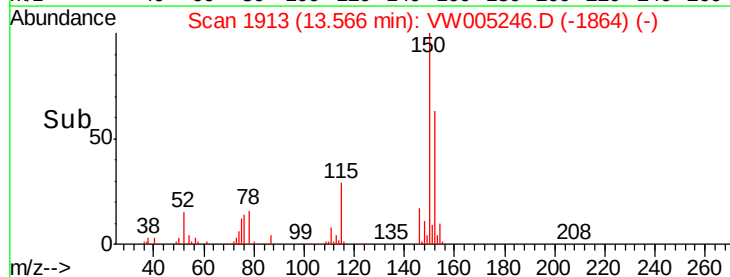
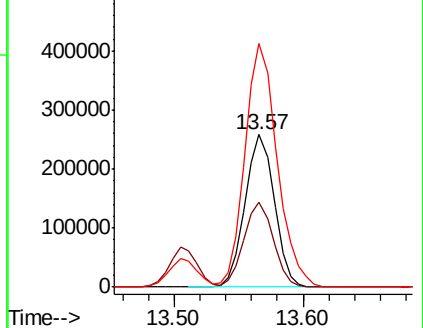
150 175.5 0.0 347.4

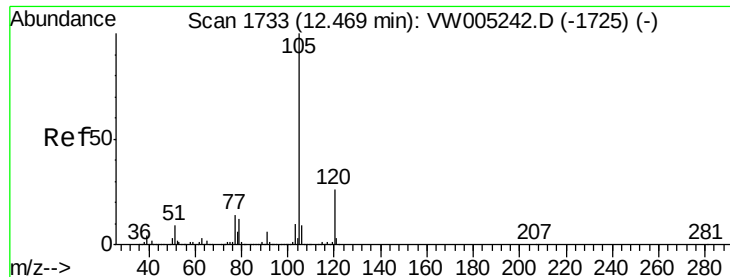


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 53.673 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

Instrument :

MSVOA_W

ClientSampleId :

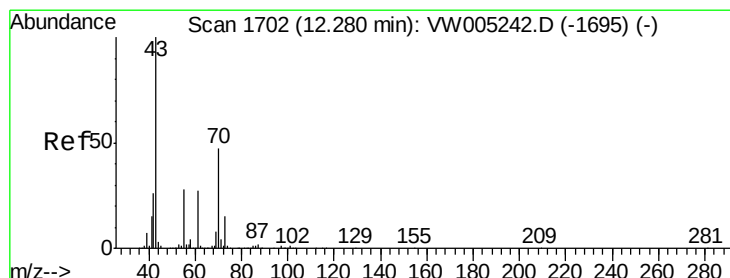
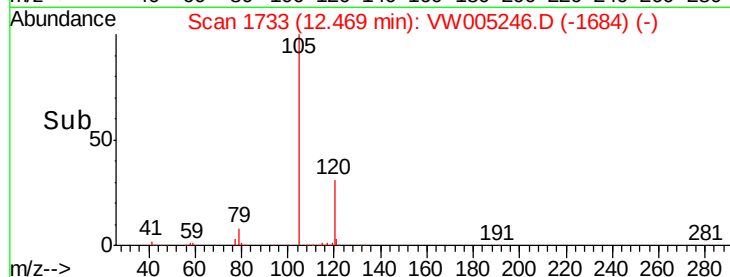
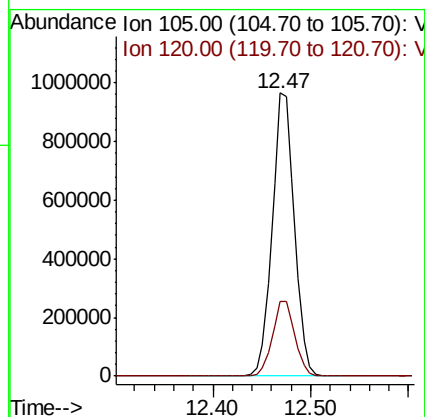
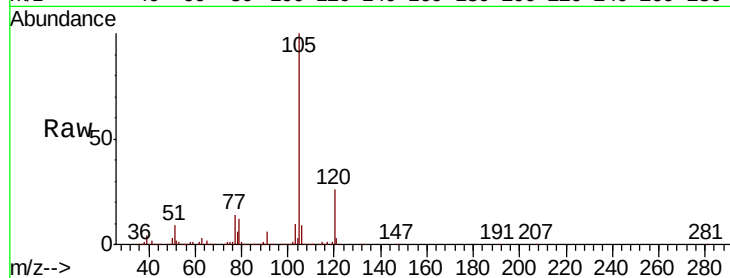
ICVW091018

Tgt Ion:105 Resp: 1536650

Ion Ratio Lower Upper

105 100

120 26.7 13.4 40.1



#74

N-ethyl acetate

Concen: 57.483 ug/l

RT: 12.28 min Scan# 1702

Delta R.T. -0.00 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

Tgt Ion: 43 Resp: 313121

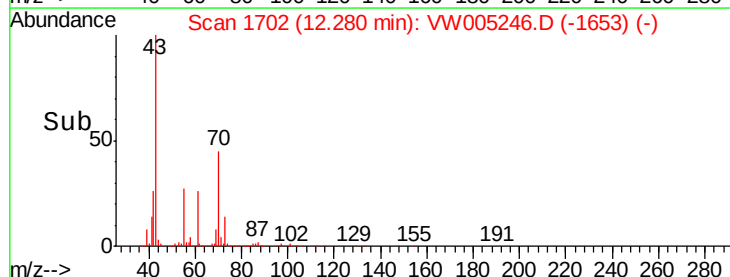
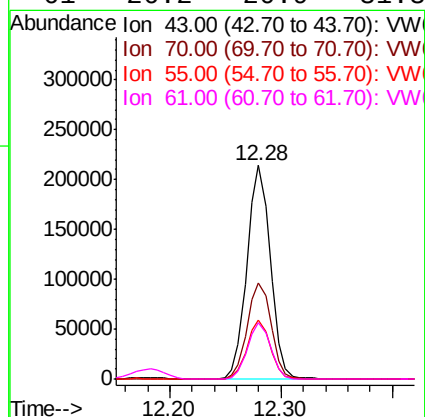
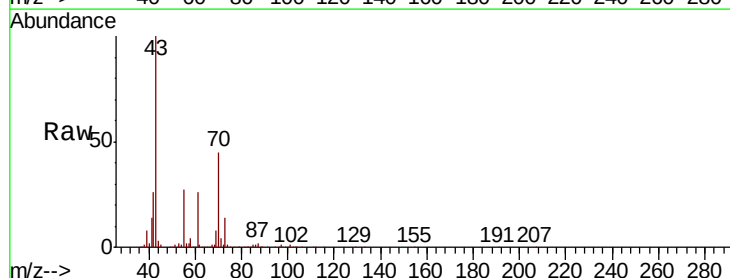
Ion Ratio Lower Upper

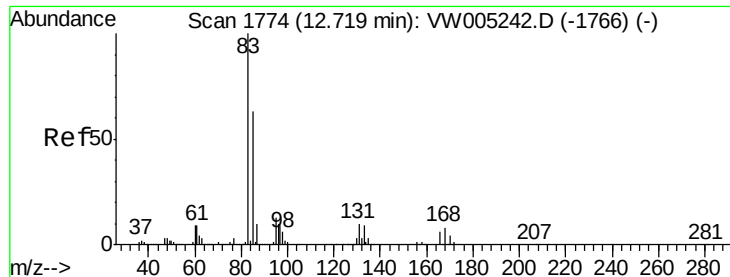
43 100

70 46.2 37.9 56.9

55 27.4 22.6 33.8

61 26.2 20.9 31.3





#75

1,1,2,2-Tetrachloroethane

Concen: 54.751 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

Instrument :

MSVOA_W

ClientSampleId :

ICVW091018

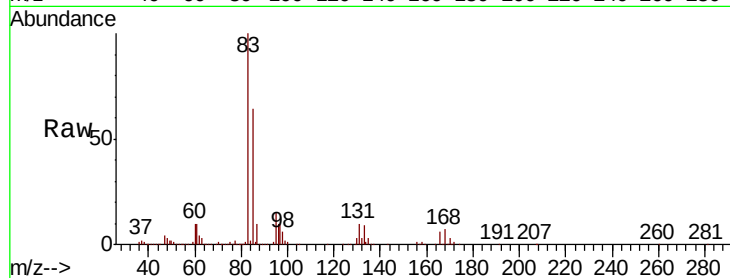
Tgt Ion: 83 Resp: 235577

Ion Ratio Lower Upper

83 100

131 10.7 5.5 16.4

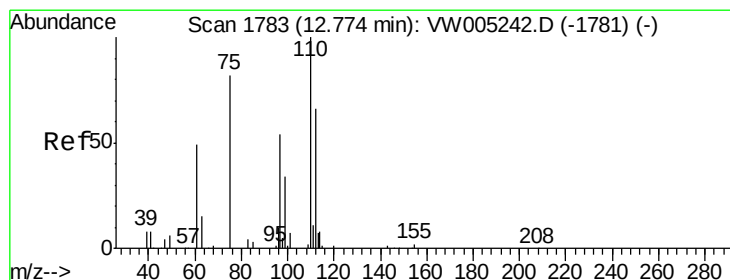
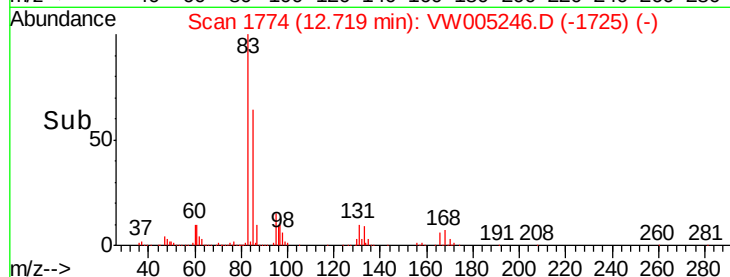
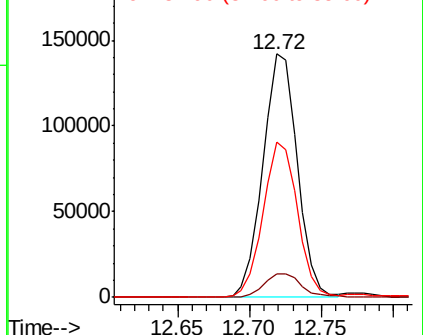
85 63.6 31.6 95.0



Abundance Ion 82.90 (82.60 to 83.60): VW

Ion 130.80 (130.50 to 131.50): VW

Ion 84.90 (84.60 to 85.60): VW



#76

1,2,3-Trichloropropane

Concen: 100.425 ug/l

RT: 12.77 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VW005246.D

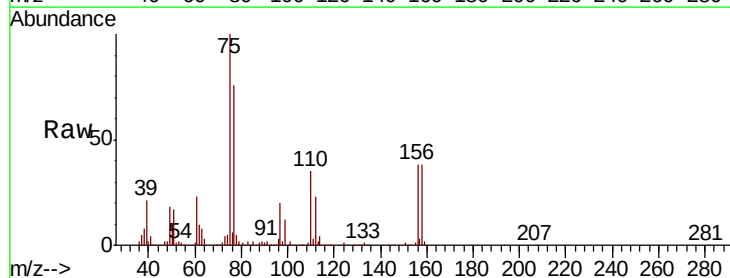
Acq: 10 Sep 2018 17:30

Tgt Ion: 75 Resp: 312987

Ion Ratio Lower Upper

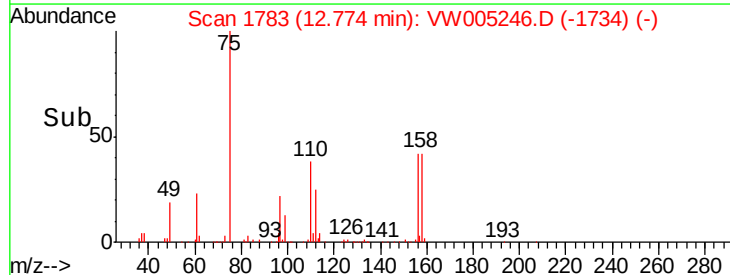
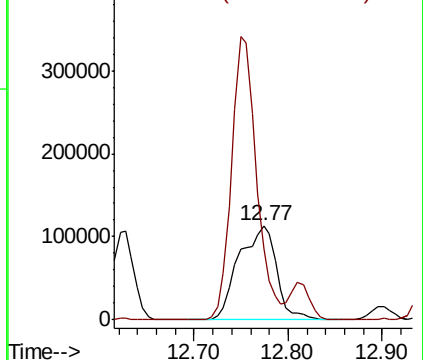
75 100

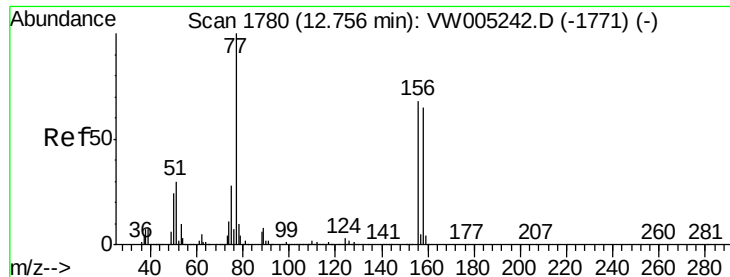
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 77.00 (76.70 to 77.70): VW





#77

Bromobenzene

Concen: 52.835 ug/l

RT: 12.76 min Scan# 1780

Delta R.T. -0.00 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

Instrument :

MSVOA_W

ClientSampleId :

ICVW091018

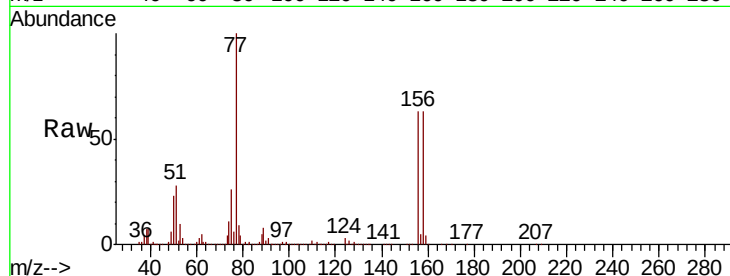
Tgt Ion:156 Resp: 356365

Ion Ratio Lower Upper

156 100

77 176.2 86.3 258.8

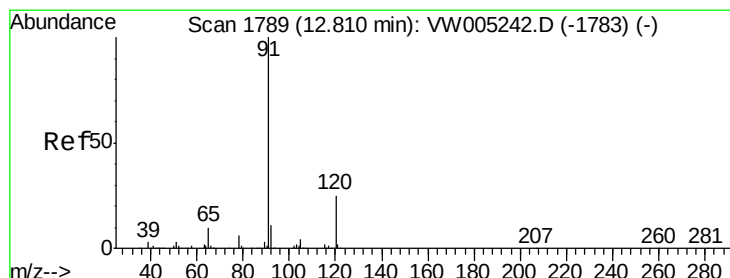
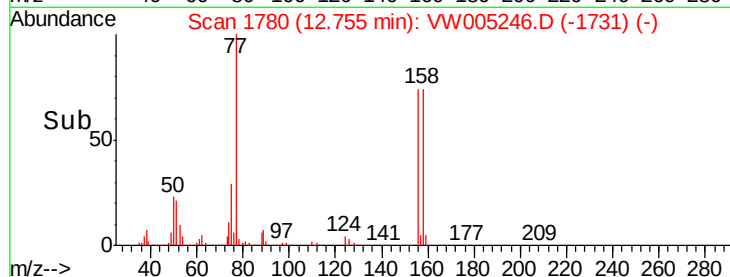
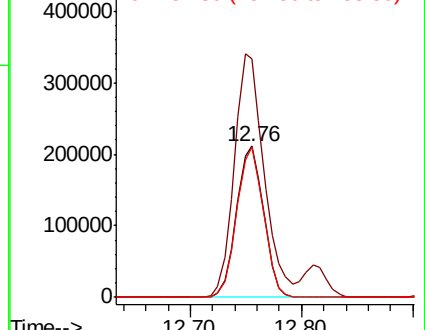
158 97.8 48.6 145.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.308 ug/l

RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW005246.D

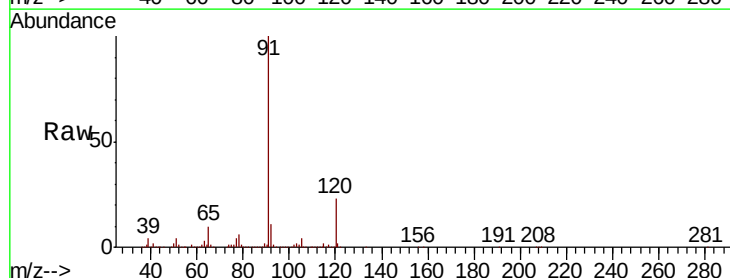
Acq: 10 Sep 2018 17:30

Tgt Ion: 91 Resp: 1867383

Ion Ratio Lower Upper

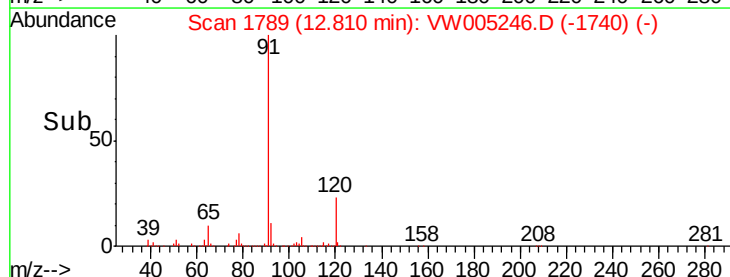
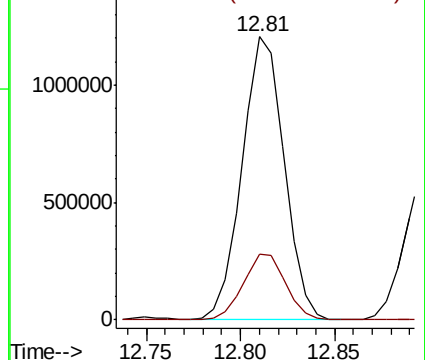
91 100

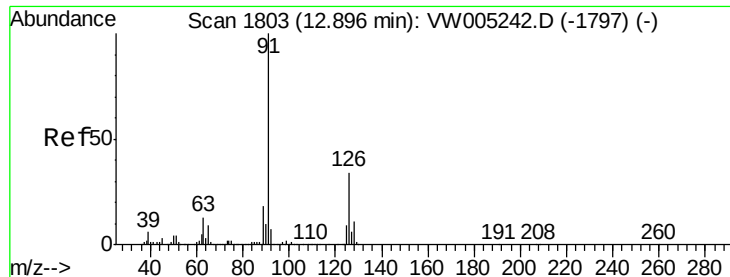
120 23.4 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.459 ug/l

RT: 12.90 min Scan# 1804

Delta R.T. 0.01 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

Instrument :

MSVOA_W

ClientSampleId :

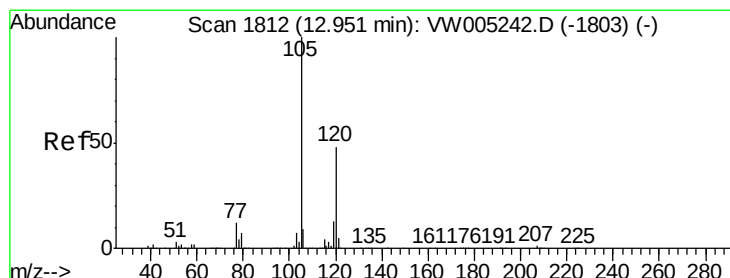
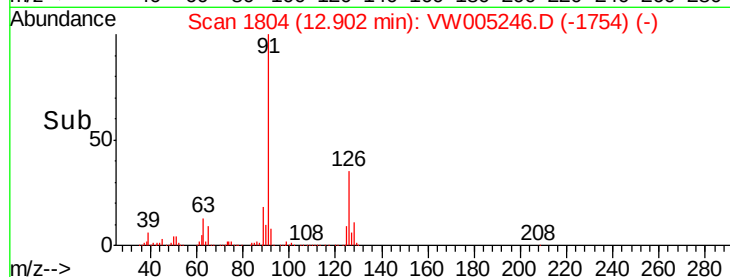
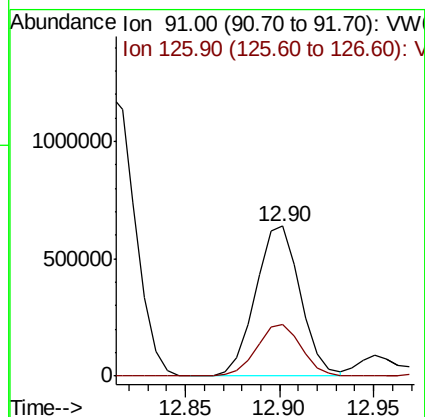
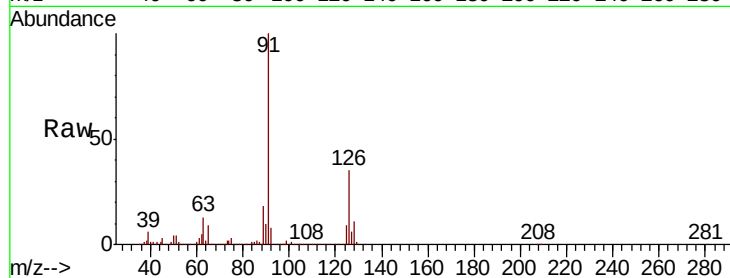
ICVW091018

Tgt Ion: 91 Resp: 1054115

Ion Ratio Lower Upper

91 100

126 34.2 17.2 51.5



#80

1,3,5-Trimethylbenzene

Concen: 53.614 ug/l

RT: 12.95 min Scan# 1812

Delta R.T. -0.00 min

Lab File: VW005246.D

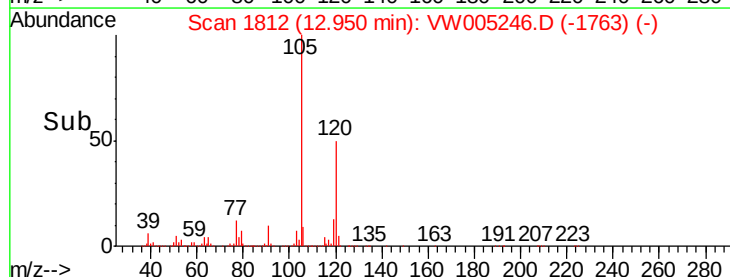
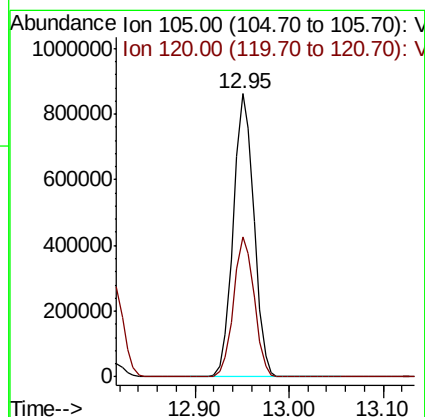
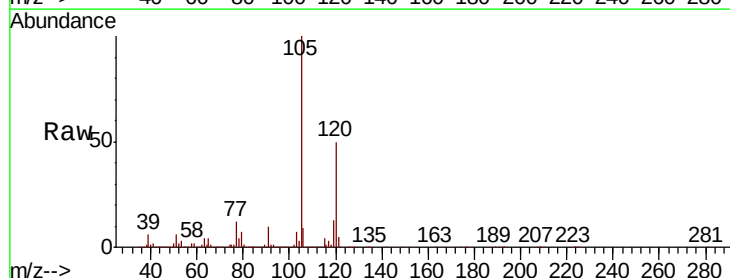
Acq: 10 Sep 2018 17:30

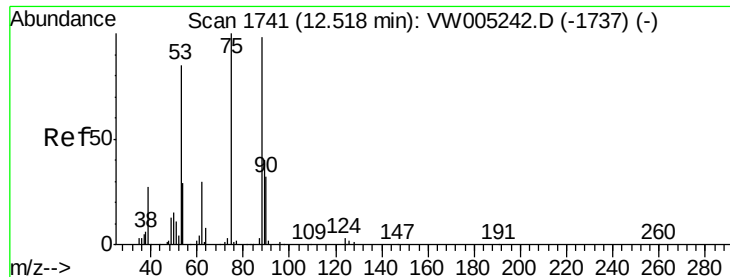
Tgt Ion: 105 Resp: 1307050

Ion Ratio Lower Upper

105 100

120 49.6 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 55.383 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

Instrument :

MSVOA_W

ClientSampleId :

ICVW091018

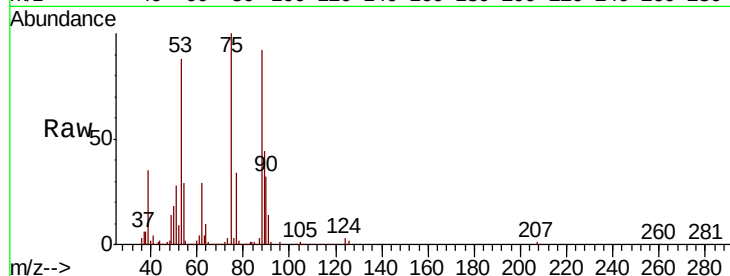
Tgt Ion: 75 Resp: 73600

Ion Ratio Lower Upper

75 100

53 85.8 67.0 100.6

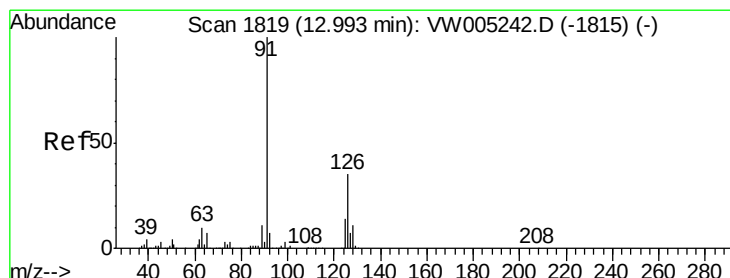
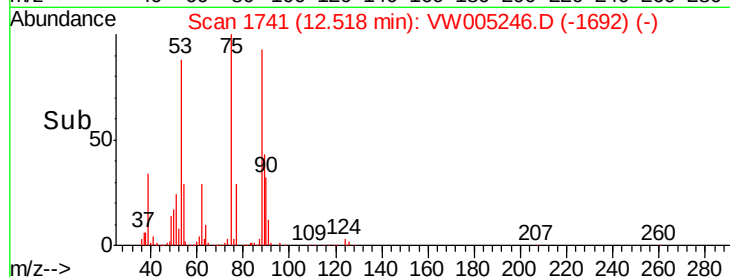
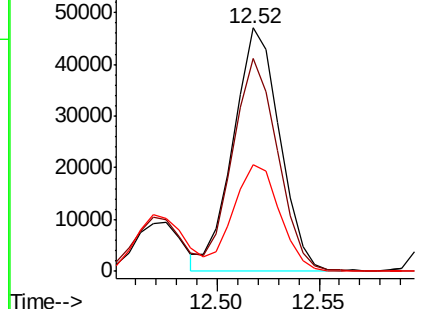
89 44.6 37.0 55.4



Abundance Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW



#82

4-Chlorotoluene

Concen: 53.338 ug/l

RT: 13.00 min Scan# 1820

Delta R.T. 0.01 min

Lab File: VW005246.D

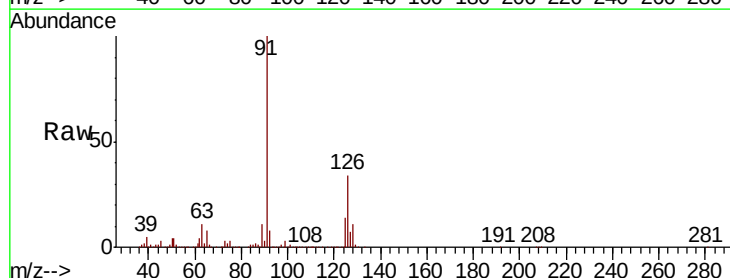
Acq: 10 Sep 2018 17:30

Tgt Ion: 91 Resp: 1105479

Ion Ratio Lower Upper

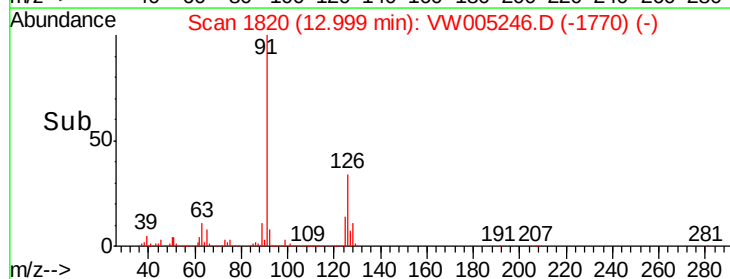
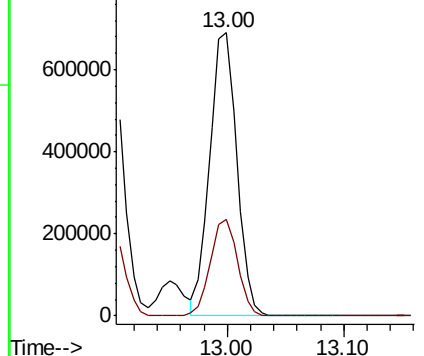
91 100

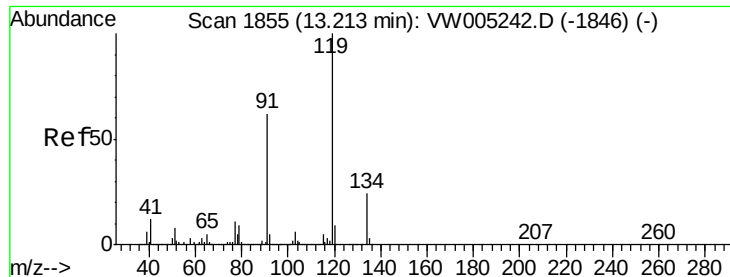
126 34.3 17.5 52.5



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 54.311 ug/l

RT: 13.21 min Scan# 1855

Delta R.T. -0.00 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

Instrument :

MSVOA_W

ClientSampleId :

ICVW091018

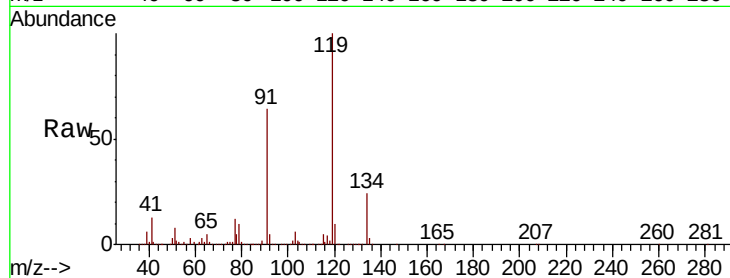
Tgt Ion:119 Resp: 1158012

Ion Ratio Lower Upper

119 100

91 61.6 31.7 95.1

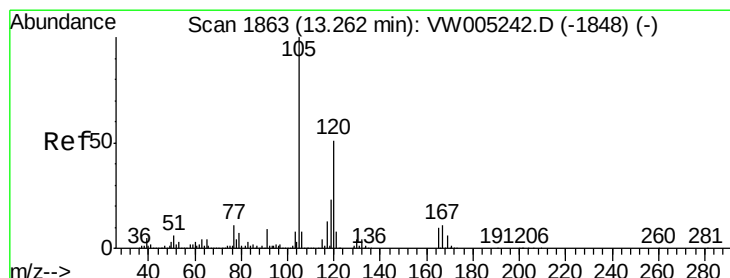
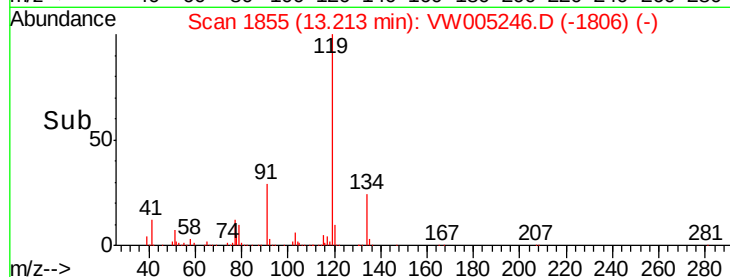
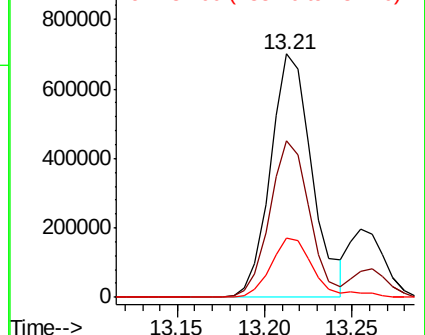
134 25.3 13.0 38.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VW

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 54.118 ug/l

RT: 13.26 min Scan# 1863

Delta R.T. -0.00 min

Lab File: VW005246.D

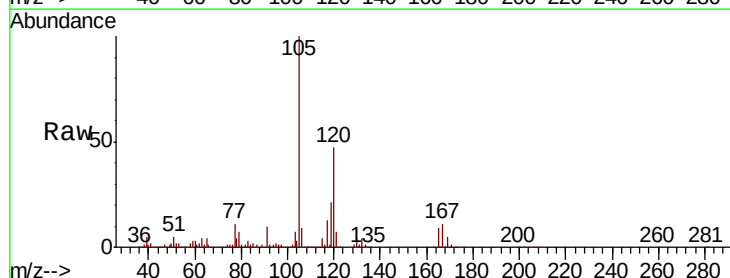
Acq: 10 Sep 2018 17:30

Tgt Ion:105 Resp: 1325782

Ion Ratio Lower Upper

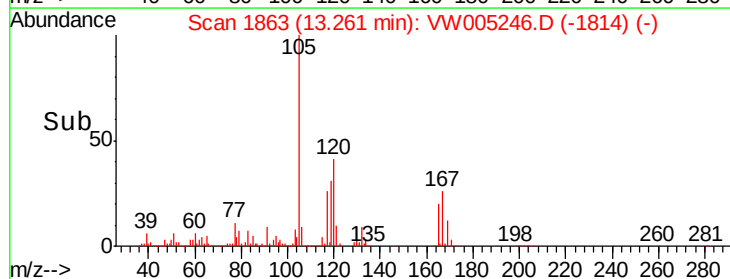
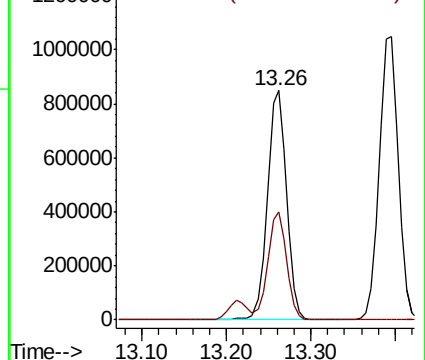
105 100

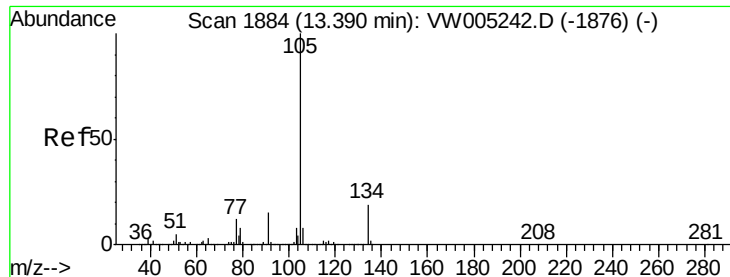
120 46.2 23.4 70.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 53.909 ug/l

RT: 13.40 min Scan# 1885

Delta R.T. 0.01 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

Instrument :

MSVOA_W

ClientSampleId :

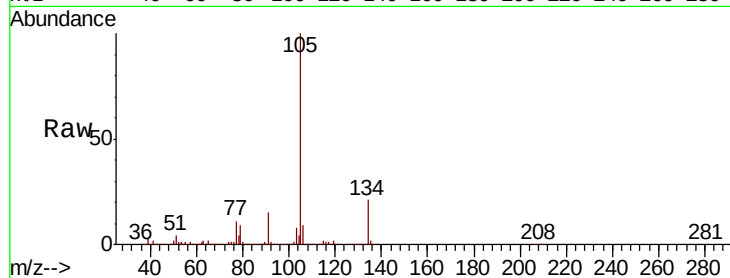
ICVW091018

Tgt Ion:105 Resp: 1651916

Ion Ratio Lower Upper

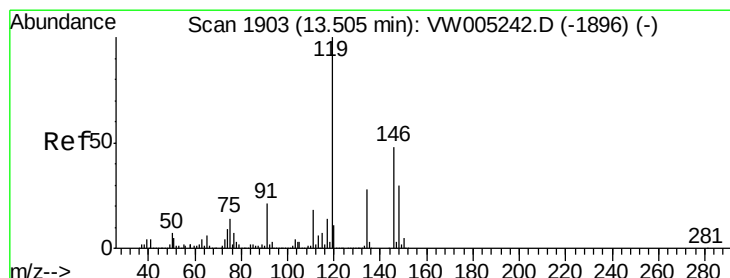
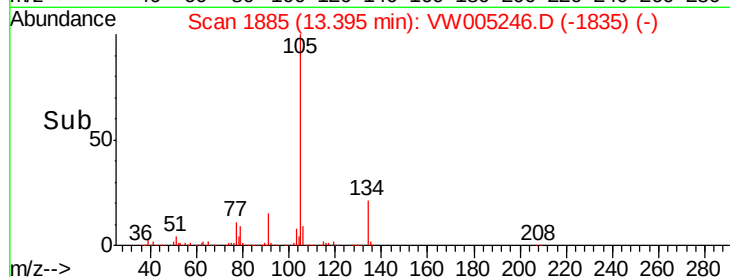
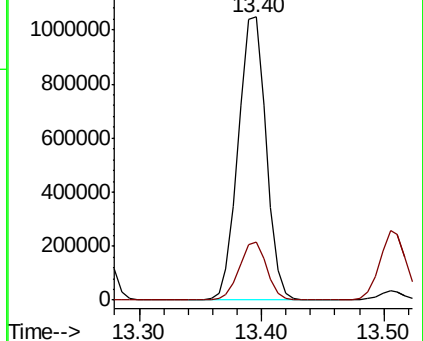
105 100

134 20.2 9.9 29.7



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 54.128 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

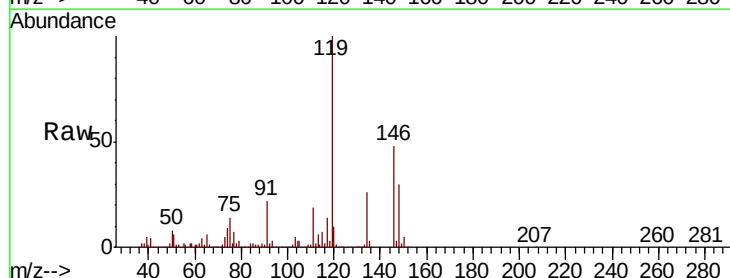
Tgt Ion:119 Resp: 1468294

Ion Ratio Lower Upper

119 100

134 26.3 13.2 39.5

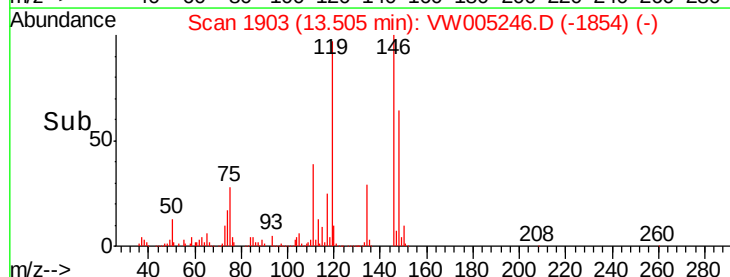
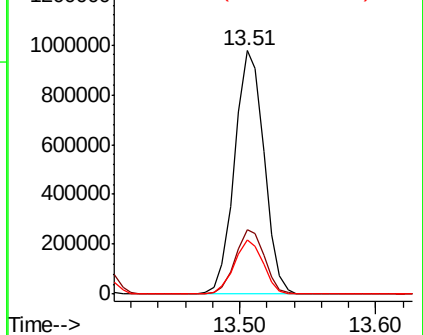
91 21.7 10.7 32.1

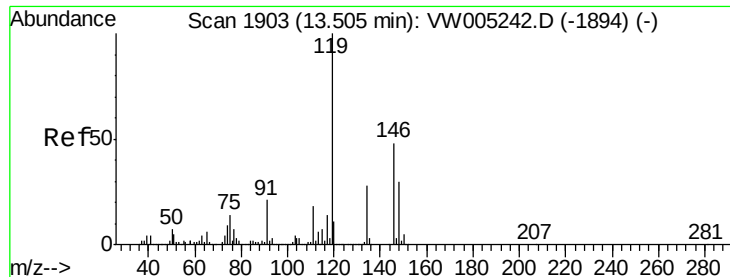


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

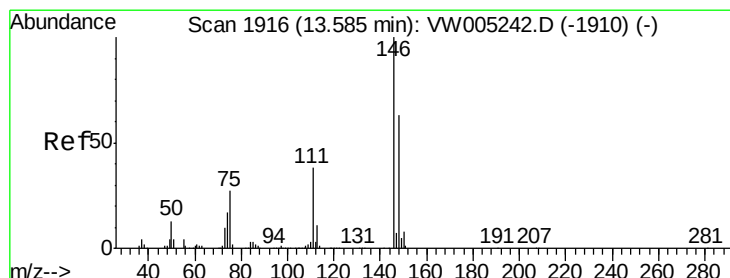
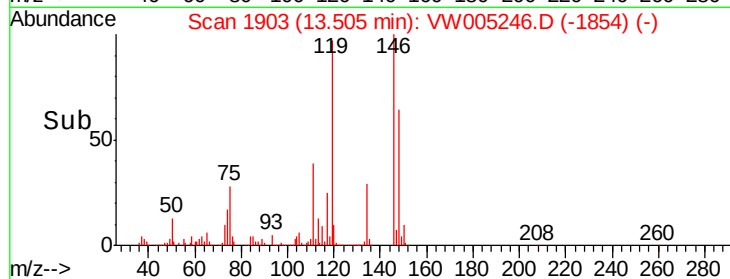
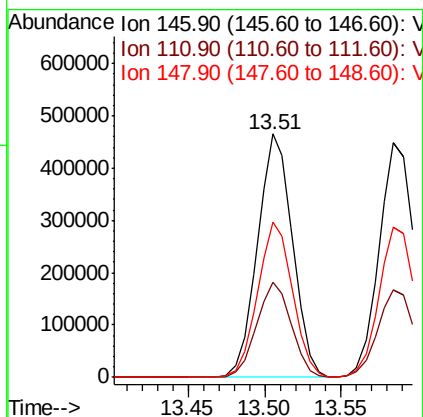
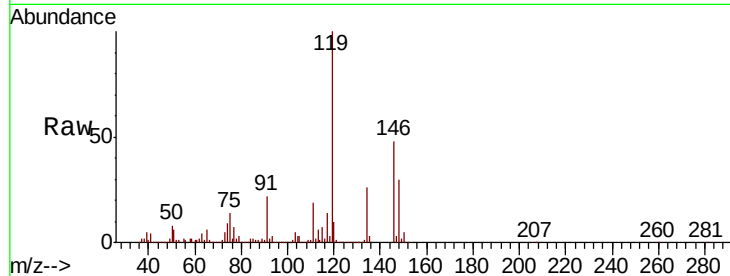




#87
 1,3-Dichlorobenzene
 Concen: 52.401 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW005246.D
 Acq: 10 Sep 2018 17:30

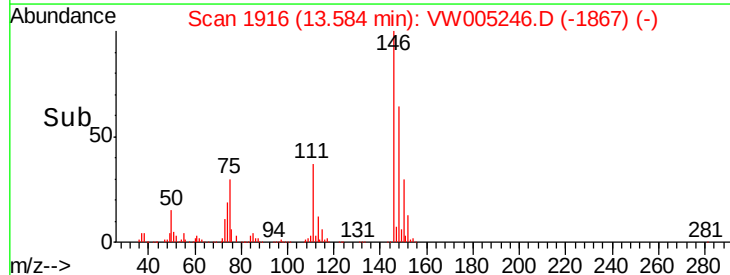
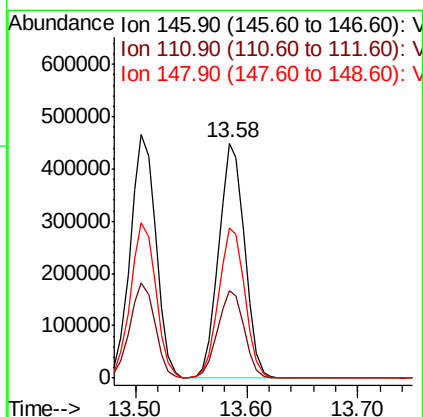
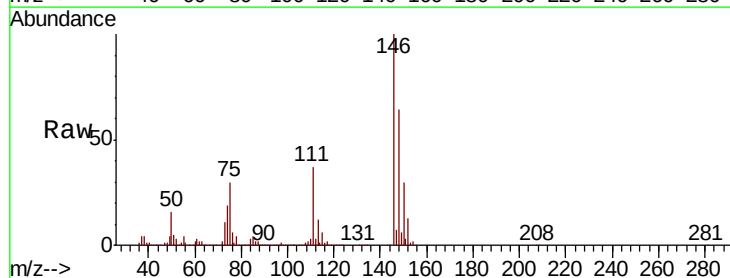
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW091018

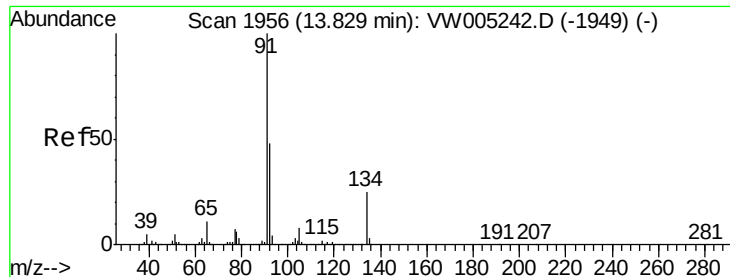
Tgt Ion:146 Resp: 742132
 Ion Ratio Lower Upper
 146 100
 111 38.6 18.8 56.3
 148 63.5 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 51.806 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW005246.D
 Acq: 10 Sep 2018 17:30

Tgt Ion:146 Resp: 720640
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.1 57.3
 148 64.7 32.3 96.9





#89

n-Butylbenzene

Concen: 53.907 ug/l

RT: 13.83 min Scan# 1957

Delta R.T. 0.01 min

Lab File: VW005246.D

Acq: 10 Sep 2018 17:30

Instrument :

MSVOA_W

ClientSampleId :

ICVW091018

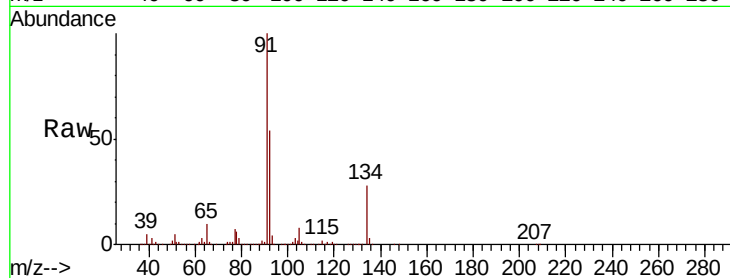
Tgt Ion: 91 Resp: 1374651

Ion Ratio Lower Upper

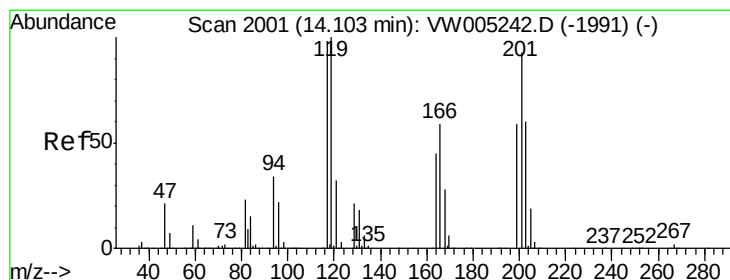
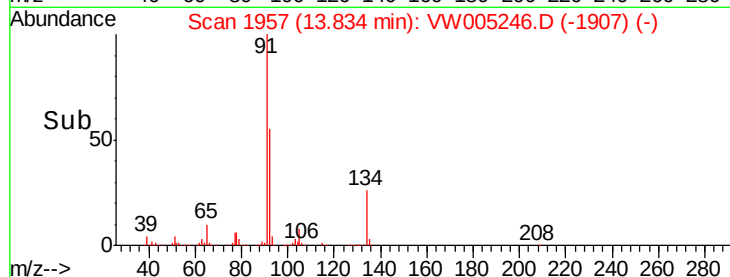
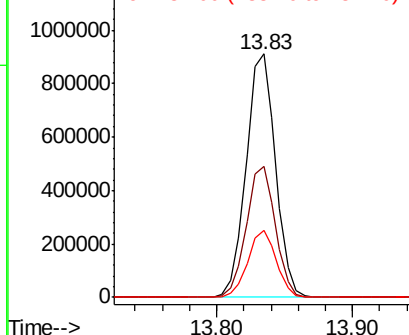
91 100

92 53.4 25.8 77.3

134 26.9 13.6 40.8



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 53.463 ug/l

RT: 14.10 min Scan# 2001

Delta R.T. -0.00 min

Lab File: VW005246.D

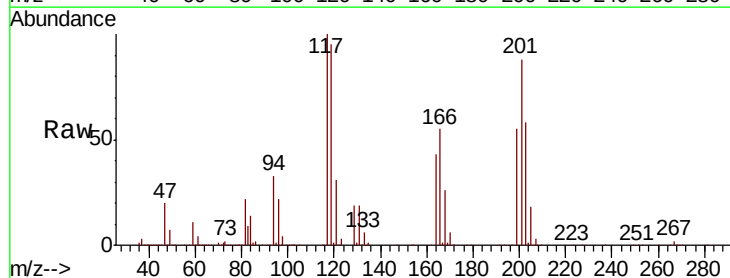
Acq: 10 Sep 2018 17:30

Tgt Ion: 117 Resp: 232352

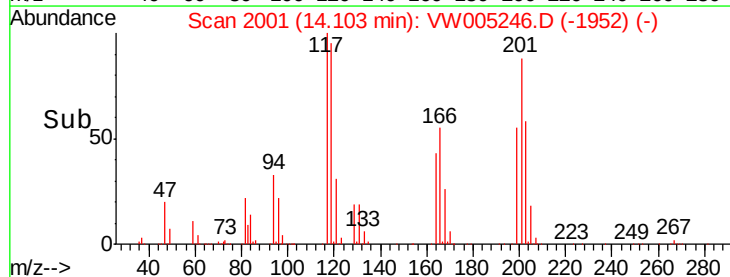
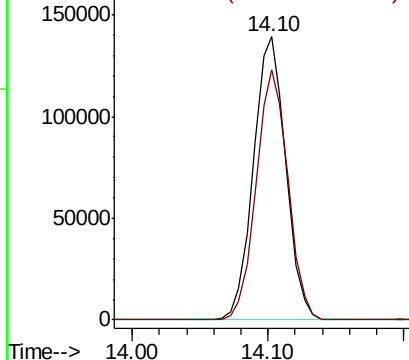
Ion Ratio Lower Upper

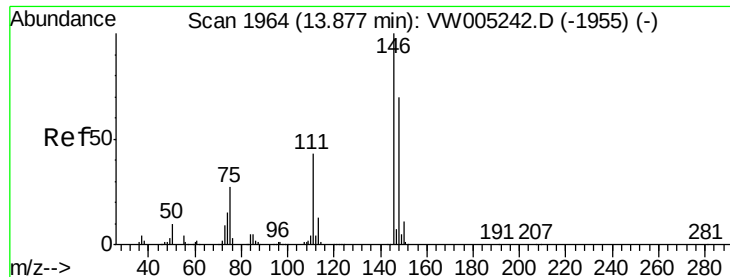
117 100

201 86.8 44.0 132.1



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V

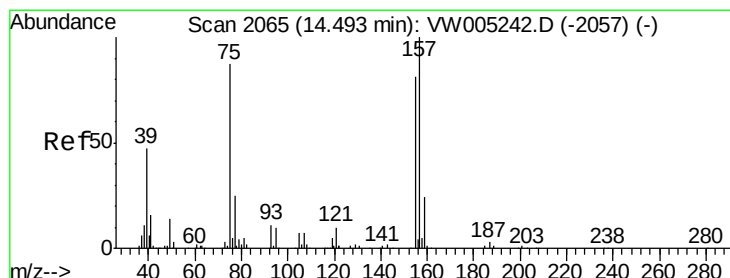
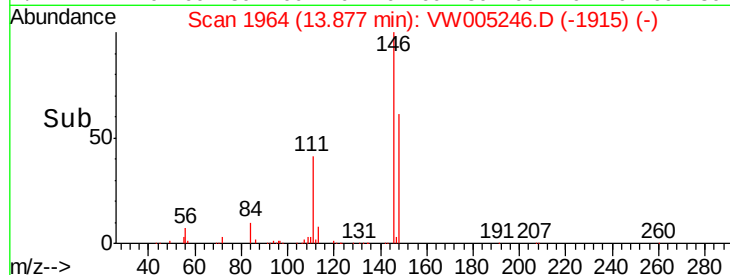
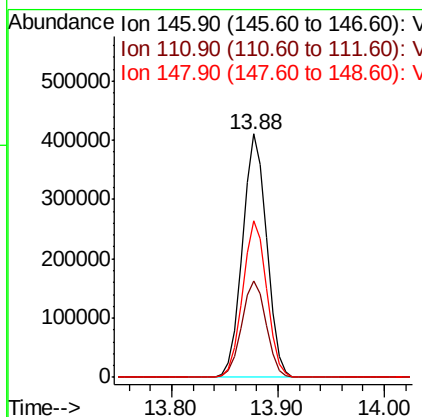
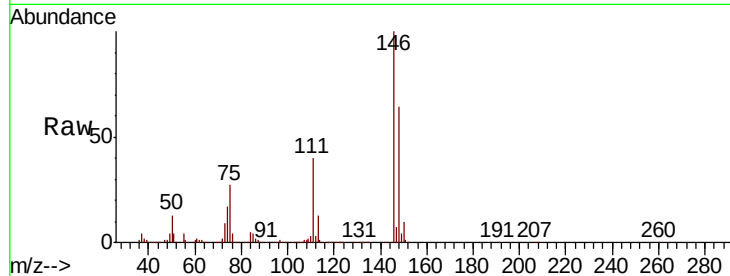




#91
 1,2-Dichlorobenzene
 Concen: 52.689 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW005246.D
 Acq: 10 Sep 2018 17:30

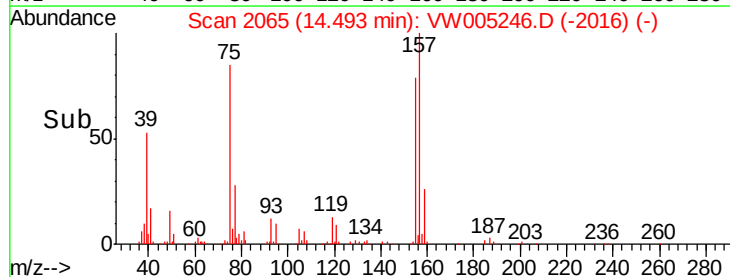
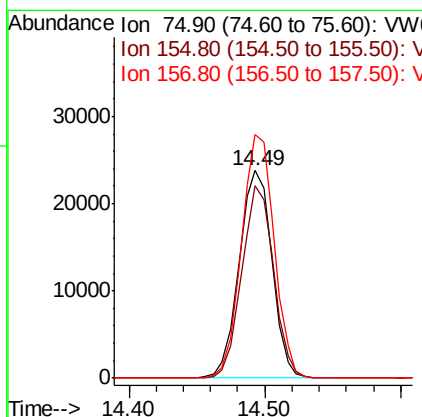
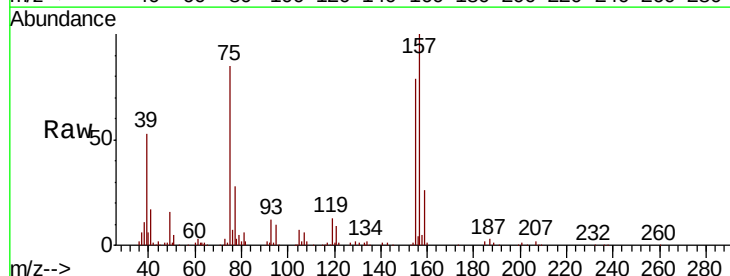
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW091018

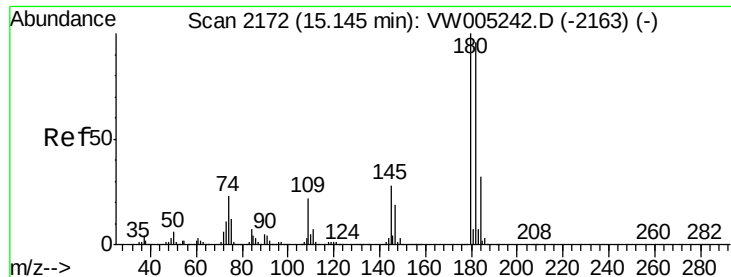
Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.2	20.5	61.5
148	64.0	32.7	98.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 56.104 ug/l
 RT: 14.49 min Scan# 2065
 Delta R.T. -0.00 min
 Lab File: VW005246.D
 Acq: 10 Sep 2018 17:30

Tgt Ion	Ratio	Lower	Upper
75	100		
155	89.6	47.4	142.2
157	116.7	59.4	178.2

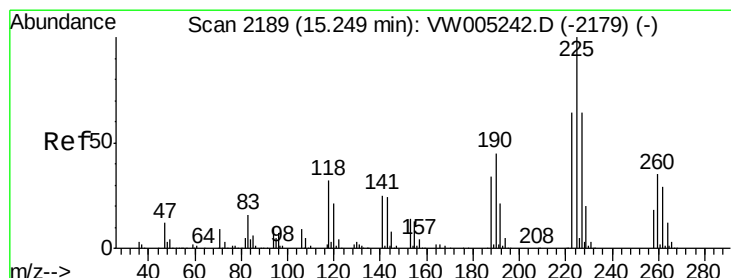
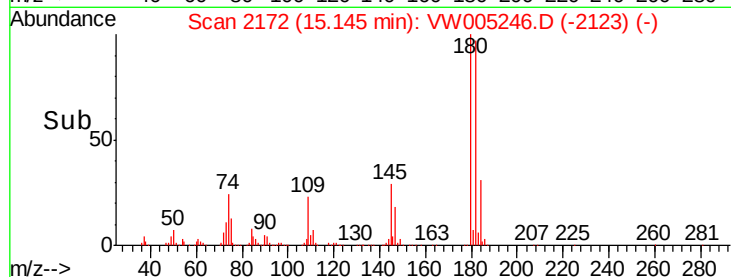
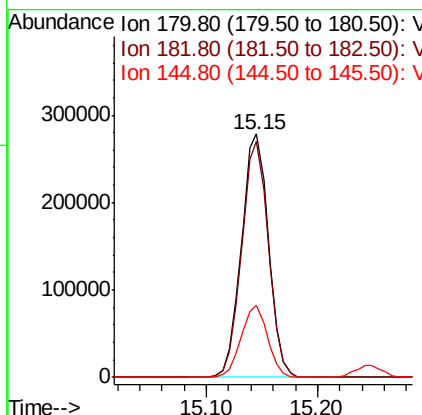
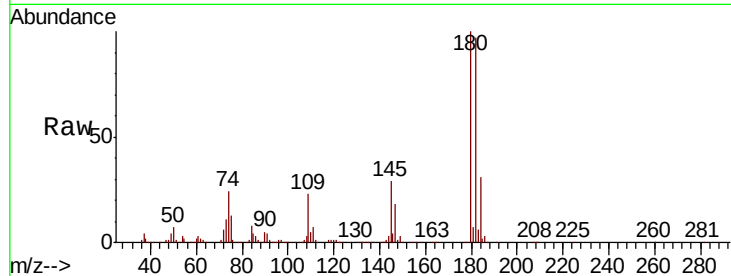




#93
 1,2,4-Trichlorobenzene
 Concen: 53.287 ug/l
 RT: 15.15 min Scan# 2172
 Delta R.T. -0.00 min
 Lab File: VW005246.D
 Acq: 10 Sep 2018 17:30

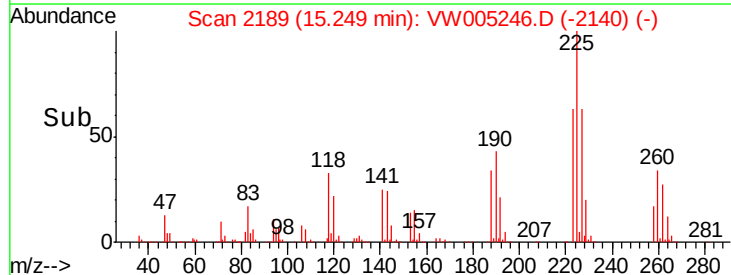
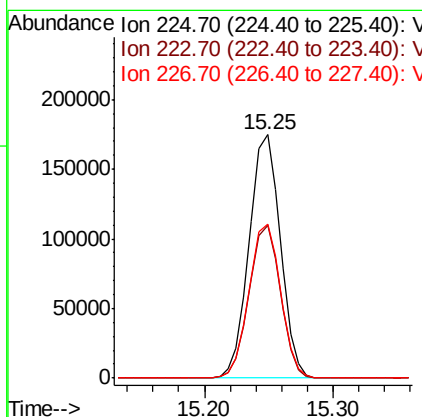
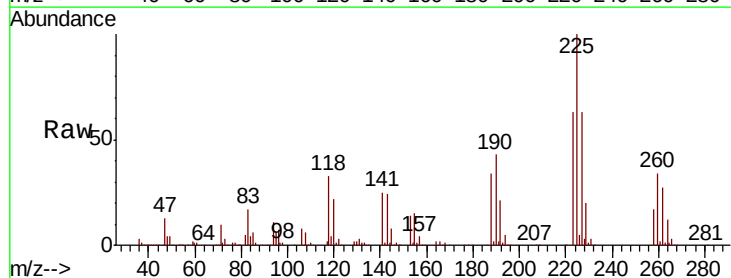
Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW091018

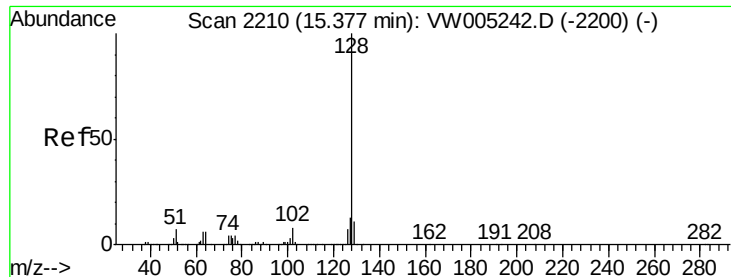
Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	48.1	144.4
145	28.9	14.5	43.6



#94
 Hexachlorobutadiene
 Concen: 51.796 ug/l
 RT: 15.25 min Scan# 2189
 Delta R.T. -0.00 min
 Lab File: VW005246.D
 Acq: 10 Sep 2018 17:30

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.9	31.4	94.2
227	64.1	32.0	96.0

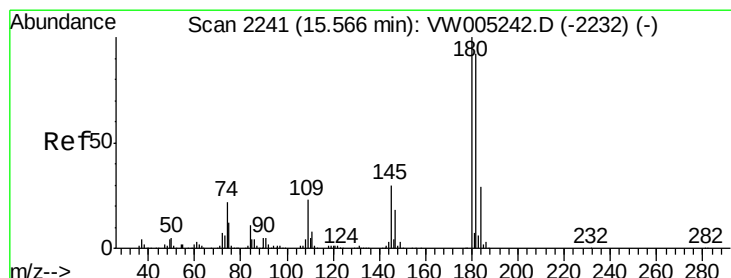
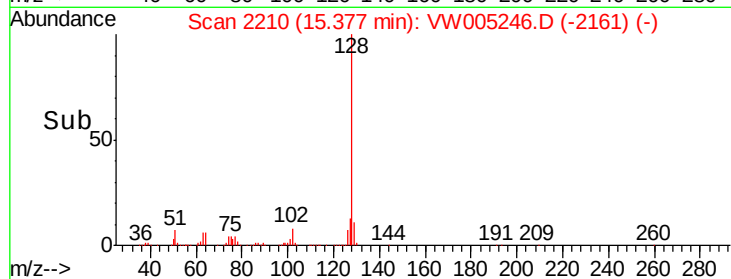
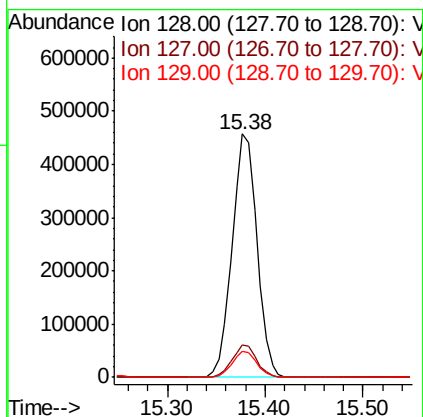
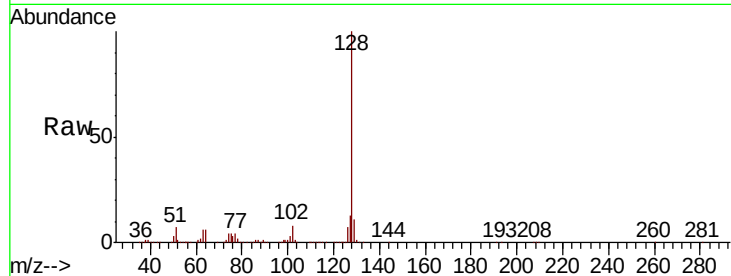




#95
Naphthalene
Concen: 56.557 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. -0.00 min
Lab File: VW005246.D
Acq: 10 Sep 2018 17:30

Instrument :
MSVOA_W
ClientSampleId :
ICVW091018

Tgt Ion:128 Resp: 807449
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 53.673 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW005246.D
Acq: 10 Sep 2018 17:30

Tgt Ion:180 Resp: 406678
Ion Ratio Lower Upper
180 100
182 96.1 47.2 141.6
145 31.1 15.2 45.6

